

MKSSS's CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, PUNE

(An Autonomous Institute Affiliated to Savitribai Phule Pune University, Pune)

Department of Instrumentation & Control Engineering

Pedagogy Methods used by the Faculty in Teaching and Learning

Sr. No	Faculty name	Class / Semester:	Pedagogical Activity	PDF Link of Pedagogy Activity	Google form for Peer Review
		Course code			
1	Dr.Mrs. Anagha Panditrao	IN4101 Process Instrumentation and Control	Flipped Classroom	https://drive.google.com/file/d/1ctidOquR8eFtE97JnEJHOq9NILZuEKFr/view?usp=sharing	https://docs.google.com/forms/d/1xGpduuHTcklOOV3fTq4NqmX7uDO34heC9IYgVHmoryo/edit?usp=sharing
		PEIN3201(A) Environmental Instrumentation	Research Paper Based Learning	https://drive.google.com/file/d/1UgFHV9MqIUqwAsbOTxafPOFHvfVSoote/view?usp=sharing	https://forms.gle/rqfzbBEeJWTpNEzSA
2	Dr. Mrs. Vaishali Upadhye	TYB.Tech SEM-I IN 3103 Control System Components	Demo Based Learning: Circuit Simulation using VI Lab	<p>Paper :1. Demo Based Learning an Effective Teaching Learning Pedagogy in STEM Education', International Conference on Best Innovative Teaching Strategies July 2021</p> <p>2. Use of demo based learning as an active learning strategy in Cummins College Digest of Engineering Education 2020</p>	-
				https://drive.google.com/file/d/1iKnysi-M2kQiYN_FeebtYyEBj9osGbii/view?usp=sharing	https://docs.google.com/forms/d/e/1FAIpQLSdJQ2KZ27EW1gTu9W5GjWnNT1-f7PcnHA3_CAA8omwFBvyyiwA/view
		TYB.Tech SEM-II IN 3201Process Loop Components	Crossword	https://drive.google.com/file/d/1t3JEafD10sLa3jxzVu1RkBl1C04WN_kx/view?usp=sharing	https://docs.google.com/forms/d/e/1FAIpQLSeVQ0flU_JB8QGpWIlm6P-6j1ai6f0D-9gOtlYh_EmQ-bc9TA/viewform?usp=pp_url
	TYB.Tech SEM-II IN 3201Process Loop Components	Flipped Classroom	https://drive.google.com/file/d/1uZ-SkN8eo54hecEIBvONzm1ZcKbw-llA/view?usp=sharing	https://docs.google.com/forms/d/18c3S69sbFzs76CEbDwDtG0xjGEnVrVV30ckbsAhwJWw/edit?usp=sharing	

3	Dr. Atul Joshi	S.Y. B Tech ,Sem-I, IN2103 Linear Integrated Circuits		Presented paper on Paper on Project Based Learning as an Active Learning Strategy in Engineering Education at National conference on Pedagogies in higher education June 2022	
			Project based learning	https://drive.google.com/file/d/1gQtr8H0UTxANhIAB2WRUuwIY-21C5LF/view?usp=sharing	https://forms.gle/3z4HVS8mAT6ehJ1s9
		S.Y. B Tech ,Sem-I, IN2103 Linear Integrated Circuits	Flipped classroom (Isolation Amplifier)	https://drive.google.com/file/d/10jQn9vdsxgbQykhLuBDr2af7RsRIQmVf/view?usp=sharing	https://forms.gle/aTqv9ijBRDSdZ3Fm6
		S.Y. B Tech Sem-II IN2202_Electronic Instrumentation and System Design	Flipped classroom (spectrum analyser)	https://drive.google.com/file/d/1eY9-nwFQcWL9_Y47o3p8R1jS_z-T07mW/view?usp=sharing	https://forms.gle/VG6sh5KJKeht9gNt8
		T. Y. B Tech SEM-I PEIN3101(A) Power Electronics and Drives	Flipped classroom (3 ph. controlled rectifier)	https://drive.google.com/file/d/1ajVyim0V6ImbRX3lnLY0MGpsQ9DXa0gg/view?usp=sharing	https://forms.gle/xBWY125cy66iN1LRA
		T. Y. B Tech SEM-I PEIN3101(A) Power Electronics and Drives	Flipped Classroom (BLDC motor)	https://drive.google.com/file/d/1GNXLDeJDz-RfpQJl4qNF2VKEB0FL6Gq3/view?usp=sharing	https://forms.gle/atA6R5Kws88SjQeS8
T. Y. B Tech SEM-I PEIN3101(A) Power Electronics and Drives	Flipped classroom (servo basic concepts)	https://drive.google.com/file/d/13re0ACBGHJjBWw1EaKWsSSoHB7gAbnDY/view?usp=sharing	https://forms.gle/w343vt3BWPnq1rZ5A		

4	Pratima Kulkarni	S.Y. B Tech ,Sem-II IN2202_Electronic Instrumentation and System Design	Role Play	https://drive.google.com/file/d/1oqkCJwMSzkwFYAivAXpaQaYox7Ro0-A0/view?usp=sharing	https://forms.gle/D4X4MpzKddVxRH6m7
		T. Y. B Tech SEM-I PEIN3101(A) Power Electronics	Think-Pair-Share	https://drive.google.com/file/d/146LiPneUrf2kVhKsDYUSYbTfZmYQkzBR/view?usp=sharing	https://forms.gle/csQyNhDfv6J9QNLN9
		T. Y. B Tech SEM-II PEIN3201(C) MEMS	Crossword	https://drive.google.com/file/d/1eqFpPwviJC6ykeJYYApEVhSv2rzwsei/view?usp=sharing	https://forms.gle/X8evhW3JY2QZ2mA27
5	Dr. Revati Shriram	SY B.Tech, Control System	Word Search	https://drive.google.com/file/d/1Qi5GcK6eUGbmQbBOyeG7Hn6B9aoVFhrC/view?usp=sharing	https://forms.gle/Y2kcPPgMnd87QGN7
		SY B.Tech, Analog and Digital Electronics	Flipped Classroom	https://drive.google.com/file/d/1dtR0-8WM8asqjgWReWgK0ynd1Y4-4cjf/view?usp=sharing	https://forms.gle/HgcPVirWfzhQW8Lq8
6	Prof. Manisha Narwane	Final Year B Tech, Sem-I, Industrial	Demo Based Learning: Circuit Simulation using VI Lab	https://drive.google.com/file/d/1BarFhKj7mRf6b3zphvE_OF1RcQPY7hoQ/view?usp=sharing	https://forms.gle/7SQjbYPzzHpejAWZ7
7	Dr. Nivedita Daimiwal	Final Year B Tech, Sem-I, Management	Case Study	https://drive.google.com/file/d/1z4JHMIVNnR8bWeGxnn74mZ86tet0hrSE/view?usp=sharing	https://docs.google.com/forms/d/e/1FAIpQLSdWXEEOOrZgiRo94AYXJuFCBywoMq-
8	Dr. Swati Madhe	Second Year B. Tech, Sem-I Basic Instrumentation	Demo based Learning	Paper :1. Demo Based Learning an Effective Teaching Learning Pedagogy in STEM Education', International Conference on Best Innovative Teaching Strategies July 2021	
				https://docs.google.com/document/d/1D9grFlrYc77yJZNT3XO4hgGywgg4U23uJtJR2KG_Iec/edit?usp=sharing	https://drive.google.com/file/d/1CorS7Diy5fLzADwAffYOfCkEIZZ-Rcq9/view?usp=sharing

		Third Year B. Tech., Sem-II Digital Signal Processing	Flipped Classroom	https://docs.google.com/document/d/1OQE M1wjRWpreUumDGRJXP6Af3V9Ferab6PaFQEDToDA/edit?usp=sharing	https://docs.google.com/forms/d/e/1FAIpQLSdJNQ7Nma1q8La2_pSj1a0ITeuITNkHYnW5MmqYa1xUk78-Dw/viewform?usp=sf_link
		Third Year B. Tech., Sem-II Digital Signal Processing	Project Based Learning	https://docs.google.com/document/d/1HECk-8KIqESBLvmxn4amKz4wisO81keARUMBeOVCEz4/edit?usp=sharing	https://docs.google.com/forms/d/e/1FAIpQLSej0TDZSr6Z3ycLm7B7gSO WQ5DiaWMUUKHJ7u-C7wURnEHITg/viewform?usp=sf_li
9	Yashwant Adhav	Second Year B. Tech, Sem-I Sensors and Transducers	Project Based Learning	https://docs.google.com/document/d/1H4HlaG49PJHhZZmnZSY6WT5VgjO4pvAtIPvMSYOLgWE/edit?usp=sharing	
10	Dr. Dipali Ramdasi	Third Year B. Tech., Sem-I Embedded System Design	Demo based Learning	https://drive.google.com/file/d/16dPevLllfjZ64cnisCH6k2RkmjuMymxi/view?usp=sharing	https://forms.gle/7B69PwC3RBbsw4VH6
		Third Year B. Tech., Sem-I Embedded System Design	Crossword	https://drive.google.com/file/d/1RNVBLz_4IoCNa9x0-ZhjMvVVBWBB9w8D/view?usp=sharing	https://forms.gle/LPHbHTnubUELcWUTA
		Third Year B. Tech., Sem-II Internet of Things	Case Study Based Learning	https://drive.google.com/file/d/1dqCvNgOqNNeCZBRsd-ce8cKK7vuiLwLv/view?usp=sharing	https://forms.gle/RvxD65tVGrYtSnqo6