

Subject Name- Material Technology					
Code	Course Tittle	Paper Code	Topics		Links
PME-2201	<b>Material Technology</b>	PME-2201	Requirement of Engineering materials, mechanical properties of materials and their testing		<a href="https://www.youtube.com/watch?v=yqvwSe_LN18">https://www.youtube.com/watch?v=yqvwSe_LN18</a>
			Structure of solid materials		<a href="https://www.youtube.com/watch?v=61Lgo56bBbg">https://www.youtube.com/watch?v=61Lgo56bBbg</a> <a href="https://www.youtube.com/watch?v=dzSus_CC_nM">https://www.youtube.com/watch?v=dzSus_CC_nM</a>
			Solidification of Metal and Ingot structure		<a href="https://www.youtube.com/watch?v=4xKx_eWTENU">https://www.youtube.com/watch?v=4xKx_eWTENU</a> <a href="https://www.youtube.com/watch?v=tL3Rq5XP_ko">https://www.youtube.com/watch?v=tL3Rq5XP_ko</a>
			Equilibrium Phase Diagram and phase transformation.		<a href="https://www.youtube.com/watch?v=NETcZV6Sug0">https://www.youtube.com/watch?v=NETcZV6Sug0</a>
			Practical Metallographic		<a href="https://www.youtube.com/watch?v=lPjM4UGumT4">https://www.youtube.com/watch?v=lPjM4UGumT4</a>
			Iron- carbon Equilibrium system.		<a href="https://www.youtube.com/watch?v=z5gnDGXm8U4">https://www.youtube.com/watch?v=z5gnDGXm8U4</a>
			Heat treatment of steels.		<a href="https://www.youtube.com/watch?v=_jsXre6r7_A">https://www.youtube.com/watch?v=_jsXre6r7_A</a>
			Ferrous metal and Alloys Non- ferrous metals and alloys Non- metallic materials Plastics Powder metallurgy		<a href="https://www.youtube.com/watch?v=3tmGHwmR-Z4">https://www.youtube.com/watch?v=3tmGHwmR-Z4</a> <a href="https://www.youtube.com/watch?v=L1BVe8Ug33g">https://www.youtube.com/watch?v=L1BVe8Ug33g</a> <a href="https://www.youtube.com/watch?v=4U6xmZKJowo">https://www.youtube.com/watch?v=4U6xmZKJowo</a>
			Metal preservations		<a href="https://www.youtube.com/watch?v=T4-veTLXxa4">https://www.youtube.com/watch?v=T4-veTLXxa4</a>

			Modern trends in material technology		<a href="https://www.youtube.com/watch?v=eky7KnIU9Rk">https://www.youtube.com/watch?v=eky7KnIU9Rk</a>

Subject Name- PRODUCTION PROCESS					
Code	Course Tittle	Paper Code	Topics		Links
PME 2202	Production process	PME 2202	Fundamentals of manufacturing process	Understanding manufacturing Advantages & limitations Classification of manufacturing process	<a href="https://youtu.be/w5aBJ6g7pbY">https://youtu.be/w5aBJ6g7pbY</a> <a href="https://youtu.be/olwZziX1yOE">https://youtu.be/olwZziX1yOE</a> <a href="https://youtu.be/0ksSAyaczRM">https://youtu.be/0ksSAyaczRM</a>
			Applications of manufacturing process	Selection of manufacturing processes Effect of manufacturing processes on Mechanical properties	<a href="https://youtu.be/mLakJ77O4_s">https://youtu.be/mLakJ77O4_s</a> <a href="https://youtu.be/dgJu3ybSLCQ">https://youtu.be/dgJu3ybSLCQ</a>
			Basics of casting process	Casting terminology Steps of casting process Sand moulding Pattern allowances	<a href="https://youtu.be/YtksJ12suFM">https://youtu.be/YtksJ12suFM</a> <a href="https://youtu.be/rL3dLQYEYKw">https://youtu.be/rL3dLQYEYKw</a> <a href="https://youtu.be/_Pcjz9bOsPs">https://youtu.be/_Pcjz9bOsPs</a> <a href="https://youtu.be/8EO25lnMjI">https://youtu.be/8EO25lnMjI</a>
			Gating system in casting	Core and core prints Gating system Riser design	<a href="https://youtu.be/yPpyyABaqcw">https://youtu.be/yPpyyABaqcw</a> <a href="https://youtu.be/CoO_akMDBbo">https://youtu.be/CoO_akMDBbo</a> <a href="https://youtu.be/2UzsJNlkZxY">https://youtu.be/2UzsJNlkZxY</a>

			Special casting process	Casting defects and prevention  Investment and permanent mould casting	<a href="https://youtu.be/ICB41-ciGk">https://youtu.be/ICB41-ciGk</a>  <a href="https://youtu.be/ps2cWctKLbQ">https://youtu.be/ps2cWctKLbQ</a>
			Metal working process	Hot and cold working  Rolling process  Forging process  Extrusion  Wire drawing  Press working	<a href="https://youtu.be/dNbVsmVgOnM">https://youtu.be/dNbVsmVgOnM</a>  <a href="https://youtu.be/Xf08dgnlwXg">https://youtu.be/Xf08dgnlwXg</a>  <a href="https://youtu.be/bgMPuYn2ips">https://youtu.be/bgMPuYn2ips</a>  <a href="https://youtu.be/773oOz38wJM">https://youtu.be/773oOz38wJM</a>  <a href="https://youtu.be/9RtAis5pnq4">https://youtu.be/9RtAis5pnq4</a>  <a href="https://youtu.be/xLxCVuplis">https://youtu.be/xLxCVuplis</a>
			Material removal process	Mechanisms of metal cutting  Chip formation  Type of chips and power consumed  Heat generation  Tool failure and tool life	<a href="https://youtu.be/iaOqlDuSoNs">https://youtu.be/iaOqlDuSoNs</a>  <a href="https://youtu.be/KXeF4rNlt-s">https://youtu.be/KXeF4rNlt-s</a>  <a href="https://youtu.be/Q1r7E_6MqRY">https://youtu.be/Q1r7E_6MqRY</a>  <a href="https://youtu.be/VvVijijL6tM">https://youtu.be/VvVijijL6tM</a>  <a href="https://youtu.be/_yl8Mb3eU5I">https://youtu.be/_yl8Mb3eU5I</a>

			Grinding process		<a href="https://youtu.be/qaRyeTPxtvs">https://youtu.be/qaRyeTPxtvs</a> <a href="https://youtu.be/uEX_P-GxDxU">https://youtu.be/uEX_P-GxDxU</a>
			Joining of metals	Welding process Brazing , soldering and weldability Welding defects	<a href="https://youtu.be/KvSY8XC9C6I">https://youtu.be/KvSY8XC9C6I</a> <a href="https://youtu.be/RURI6qqAWOM">https://youtu.be/RURI6qqAWOM</a> <a href="https://youtu.be/axaHjrVG-gQ">https://youtu.be/axaHjrVG-gQ</a>
			Heat treatment	Normalising and tempering	<a href="https://youtu.be/gQ5x5DpILg8">https://youtu.be/gQ5x5DpILg8</a>

Subject Name- Strength of Material					
Code	Course Tittle	Paper Code	Topics		Links
PME-2203	<b>Strength of Material</b>	PME-2203	Simple stresses and strains		<a href="https://www.youtube.com/watch?v=YkdQBOJnJD4">https://www.youtube.com/watch?v=YkdQBOJnJD4</a>
			Centre of Gravity and Moment of inertia		<a href="https://www.youtube.com/watch?v=nYnbfkgbUqE">https://www.youtube.com/watch?v=nYnbfkgbUqE</a> <a href="https://www.youtube.com/watch?v=HcNgEXuYT3k">https://www.youtube.com/watch?v=HcNgEXuYT3k</a>
			Shear force and bending moment		<a href="https://www.youtube.com/watch?v=gYjWWjVMmoU">https://www.youtube.com/watch?v=gYjWWjVMmoU</a>
			Principal planes and principal stresses		<a href="https://www.youtube.com/watch?v=WNXJVYtuL_Y">https://www.youtube.com/watch?v=WNXJVYtuL_Y</a>
			Bending stresses in beams		<a href="https://www.youtube.com/watch?v=onQUWmyEPwY">https://www.youtube.com/watch?v=onQUWmyEPwY</a>
			Shear stresses in beams		<a href="https://www.youtube.com/watch?v=22BCqVsMA8Y">https://www.youtube.com/watch?v=22BCqVsMA8Y</a>
			Deflection of beams		<a href="https://www.youtube.com/watch?v=JECRf4Bt4UA">https://www.youtube.com/watch?v=JECRf4Bt4UA</a>
			Torsion of shaft		<a href="https://www.youtube.com/watch?v=OBTZAYqHSY8">https://www.youtube.com/watch?v=OBTZAYqHSY8</a>
			Spring		<a href="https://www.youtube.com/watch?v=YAJIromkA2U">https://www.youtube.com/watch?v=YAJIromkA2U</a>
			Column and struts		<a href="https://www.youtube.com/watch?v=JZOLTE-Lh00">https://www.youtube.com/watch?v=JZOLTE-Lh00</a>
			Stress in frames Thin Cylinders and spheres		<a href="https://www.youtube.com/watch?v=ZMSKaDhq2BM">https://www.youtube.com/watch?v=ZMSKaDhq2BM</a> <a href="https://www.youtube.com/watch?v=tXPks3VXUPY">https://www.youtube.com/watch?v=tXPks3VXUPY</a>

Subject Name-THERMODYAMICS					
Code	Course Title	Paper Code	Topics		Links
PME 2204	THERMODYAMICS	PME 2204	BASICS OF THERMODYAMICS	Introduction and fundamental concepts	<a href="https://youtu.be/9GMBpZZtjXM">https://youtu.be/9GMBpZZtjXM</a>
				Zeroth law of thermodynamics	<a href="https://youtu.be/xQwi9fveGTQ">https://youtu.be/xQwi9fveGTQ</a>
				First law	<a href="https://youtu.be/0jXeNaSM5Xc">https://youtu.be/0jXeNaSM5Xc</a>
				Second law	<a href="https://youtu.be/sUDfpFD0xX4">https://youtu.be/sUDfpFD0xX4</a>
				Third law	<a href="https://youtu.be/bCToK4_dmbU">https://youtu.be/bCToK4_dmbU</a>
				Second law and it's corollaries I	<a href="https://youtu.be/lvy8h-yWhRQ">https://youtu.be/lvy8h-yWhRQ</a>
				Second law and it's corollaries II	<a href="https://youtu.be/5q_MMdGINgQ">https://youtu.be/5q_MMdGINgQ</a>
				Second law and it's corollaries III	<a href="https://youtu.be/bTgeUXbfiaE">https://youtu.be/bTgeUXbfiaE</a>
				Second law and available energy I	<a href="https://youtu.be/WFZCmGXJhYY">https://youtu.be/WFZCmGXJhYY</a>
				Second law and available energy II	<a href="https://youtu.be/bvqyQB9_N8M">https://youtu.be/bvqyQB9_N8M</a>
				Second law and available energy III	<a href="https://youtu.be/igucXfRjJry">https://youtu.be/igucXfRjJry</a>
				THERMODYAMICS properties	<a href="https://youtu.be/xTpmdeq25YI">https://youtu.be/xTpmdeq25YI</a>
				Properties of pure substances I	<a href="https://youtu.be/pJM9Fh9Fp-I">https://youtu.be/pJM9Fh9Fp-I</a>
				Properties of pure substances II	<a href="https://youtu.be/5HuZt0VJKB0">https://youtu.be/5HuZt0VJKB0</a>

				Properties of ideal gases	<a href="https://youtu.be/o9ueYSKj9og">https://youtu.be/o9ueYSKj9og</a>
				Vapour cycle I	<a href="https://youtu.be/4-BI22Wx4Pc">https://youtu.be/4-BI22Wx4Pc</a>
				Vapour cycle II	<a href="https://youtu.be/vt1_7f5l3hl">https://youtu.be/vt1_7f5l3hl</a>
				Vapour cycle III	<a href="https://youtu.be/NtoTpeWAAWc">https://youtu.be/NtoTpeWAAWc</a>
				Gas power cycle I	<a href="https://youtu.be/7A2-n443sZg">https://youtu.be/7A2-n443sZg</a>
				Gas power cycle II	<a href="https://youtu.be/nSigFjQEeqo">https://youtu.be/nSigFjQEeqo</a>
				Gas power cycle III	<a href="https://youtu.be/aZBpqSCdLcU">https://youtu.be/aZBpqSCdLcU</a>

Cod e	Course Tittle	Pape r Code	Topics	Links
PME 220 5	Theory of machines	PME 2205	Simple Mechanism Velocity and acceleration of points and links Dynamic force analysis and flywheel Brakes and dynamometers	<a href="https://www.youtube.com/watch?v=MJeRFzs4oRU&amp;list=PLBEA57F7E7560C8E8">https://www.youtube.com/watch?v=MJeRFzs4oRU&amp;list=PLBEA57F7E7560C8E8</a> <a href="https://www.youtube.com/watch?v=EVqBzOGQIkI&amp;list=PLBEA57F7E7560C8E8&amp;index=2">https://www.youtube.com/watch?v=EVqBzOGQIkI&amp;list=PLBEA57F7E7560C8E8&amp;index=2</a> <a href="https://www.youtube.com/watch?v=GF5C8dH4f5o&amp;list=PLBEA57F7E7560C8E8&amp;index=3">https://www.youtube.com/watch?v=GF5C8dH4f5o&amp;list=PLBEA57F7E7560C8E8&amp;index=3</a> <a href="https://www.youtube.com/watch?v=fMLLoY7jxM0&amp;list=PLBEA57F7E7560C8E8&amp;index=4">https://www.youtube.com/watch?v=fMLLoY7jxM0&amp;list=PLBEA57F7E7560C8E8&amp;index=4</a> <a href="https://www.youtube.com/watch?v=hcr8qwmYvDg&amp;list=PLBEA57F7E7560C8E8&amp;index=5">https://www.youtube.com/watch?v=hcr8qwmYvDg&amp;list=PLBEA57F7E7560C8E8&amp;index=5</a> <a href="https://www.youtube.com/watch?v=-cUOMEJ8IPs&amp;list=PLBEA57F7E7560C8E8&amp;index=6">https://www.youtube.com/watch?v=-cUOMEJ8IPs&amp;list=PLBEA57F7E7560C8E8&amp;index=6</a>  <a href="https://www.youtube.com/watch?v=2r-ormpcLsl&amp;list=PLBEA57F7E7560C8E8&amp;index=7">https://www.youtube.com/watch?v=2r-ormpcLsl&amp;list=PLBEA57F7E7560C8E8&amp;index=7</a> <a href="https://www.youtube.com/watch?v=8X0f6flyhzQ&amp;list=PLBEA57F7E7560C8E8&amp;index=8">https://www.youtube.com/watch?v=8X0f6flyhzQ&amp;list=PLBEA57F7E7560C8E8&amp;index=8</a> <a href="https://www.youtube.com/watch?v=E-r2EDSOuP4&amp;list=PLBEA57F7E7560C8E8&amp;index=9">https://www.youtube.com/watch?v=E-r2EDSOuP4&amp;list=PLBEA57F7E7560C8E8&amp;index=9</a> <a href="https://www.youtube.com/watch?v=vtY8Sn3wuRU&amp;list=PLBEA57F7E7560C8E8&amp;index=10">https://www.youtube.com/watch?v=vtY8Sn3wuRU&amp;list=PLBEA57F7E7560C8E8&amp;index=10</a> <a href="https://www.youtube.com/watch?v=w-KtSxnMsMQ&amp;list=PLBEA57F7E7560C8E8&amp;index=11">https://www.youtube.com/watch?v=w-KtSxnMsMQ&amp;list=PLBEA57F7E7560C8E8&amp;index=11</a> <a href="https://www.youtube.com/watch?v=R5Xkl9nDRxA&amp;list=PLBEA57F7E7560C8E8&amp;index=12">https://www.youtube.com/watch?v=R5Xkl9nDRxA&amp;list=PLBEA57F7E7560C8E8&amp;index=12</a> <a href="https://www.youtube.com/watch?v=jZi70tsqGql&amp;list=PLBEA57F7E7560C8E8&amp;index=13">https://www.youtube.com/watch?v=jZi70tsqGql&amp;list=PLBEA57F7E7560C8E8&amp;index=13</a> <a href="https://www.youtube.com/watch?v=ClbHCRRkIOE&amp;list=PLBEA57F7E7560C8E8&amp;index=14">https://www.youtube.com/watch?v=ClbHCRRkIOE&amp;list=PLBEA57F7E7560C8E8&amp;index=14</a>  <a href="https://www.youtube.com/watch?v=swgvKwyOnYk&amp;list=PL46AAEDA6ABAFC78&amp;index=16">https://www.youtube.com/watch?v=swgvKwyOnYk&amp;list=PL46AAEDA6ABAFC78&amp;index=16</a> <a href="https://www.youtube.com/watch?v=oZhR1HPdvR4&amp;list=PL46AAEDA6ABAFC78&amp;index=17">https://www.youtube.com/watch?v=oZhR1HPdvR4&amp;list=PL46AAEDA6ABAFC78&amp;index=17</a>  <a href="https://www.youtube.com/watch?v=l7vZqaPlvU8&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRPiVMyC">https://www.youtube.com/watch?v=l7vZqaPlvU8&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRPiVMyC</a> <a href="https://www.youtube.com/watch?v=SjYOlfhktAY&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRpjVMyC&amp;index=3">https://www.youtube.com/watch?v=SjYOlfhktAY&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRpjVMyC&amp;index=3</a> <a href="https://www.youtube.com/watch?v=jCWKUKPaPTc&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRpjVMyC&amp;index=5">https://www.youtube.com/watch?v=jCWKUKPaPTc&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRpjVMyC&amp;index=5</a> <a href="https://www.youtube.com/watch?v=kVyDOZu07Rs&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRpjVMyC&amp;index=6">https://www.youtube.com/watch?v=kVyDOZu07Rs&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRpjVMyC&amp;index=6</a> <a href="https://www.youtube.com/watch?v=SLET-k4NB8s&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRpjVMyC&amp;index=7">https://www.youtube.com/watch?v=SLET-k4NB8s&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRpjVMyC&amp;index=7</a> <a href="https://www.youtube.com/watch?v=UzMveEPMQPQ&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRpjVMyC&amp;index=8">https://www.youtube.com/watch?v=UzMveEPMQPQ&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRpjVMyC&amp;index=8</a> <a href="https://www.youtube.com/watch?v=1-gTFnC92ug&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRpjVMyC&amp;index=9">https://www.youtube.com/watch?v=1-gTFnC92ug&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRpjVMyC&amp;index=9</a>

			<a href="https://www.youtube.com/watch?v=58h-Eb5f8JM&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRPjVMyC&amp;index=10">https://www.youtube.com/watch?v=58h-Eb5f8JM&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRPjVMyC&amp;index=10</a> <a href="https://www.youtube.com/watch?v=_WUqizELOjg&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRPjVMyC&amp;index=11">https://www.youtube.com/watch?v=_WUqizELOjg&amp;list=PL4K9r9dYCOorRH0aqVk_6tO8iLRPjVMyC&amp;index=11</a>
		Power transmission	<a href="https://www.youtube.com/watch?v=vcGA3UL5vhQ&amp;list=PLkOzhDMP4lIKfAjqS8uiM01X8ocdi4qZt&amp;index=73">https://www.youtube.com/watch?v=vcGA3UL5vhQ&amp;list=PLkOzhDMP4lIKfAjqS8uiM01X8ocdi4qZt&amp;index=73</a> <a href="https://www.youtube.com/watch?v=aDMLzKsNdD4&amp;list=PLkOzhDMP4lIKfAjqS8uiM01X8ocdi4qZt&amp;index=74">https://www.youtube.com/watch?v=aDMLzKsNdD4&amp;list=PLkOzhDMP4lIKfAjqS8uiM01X8ocdi4qZt&amp;index=74</a> <a href="https://www.youtube.com/watch?v=9a2awJXZMGs&amp;list=PLkOzhDMP4lIKfAjqS8uiM01X8ocdi4qZt&amp;index=75">https://www.youtube.com/watch?v=9a2awJXZMGs&amp;list=PLkOzhDMP4lIKfAjqS8uiM01X8ocdi4qZt&amp;index=75</a> <a href="https://www.youtube.com/watch?v=bH7qlI99Mck&amp;list=PLkOzhDMP4lIKfAjqS8uiM01X8ocdi4qZt&amp;index=76">https://www.youtube.com/watch?v=bH7qlI99Mck&amp;list=PLkOzhDMP4lIKfAjqS8uiM01X8ocdi4qZt&amp;index=76</a> <a href="https://www.youtube.com/watch?v=i023jnKrZM&amp;list=PLkOzhDMP4lIKfAjqS8uiM01X8ocdi4qZt&amp;index=77">https://www.youtube.com/watch?v=i023jnKrZM&amp;list=PLkOzhDMP4lIKfAjqS8uiM01X8ocdi4qZt&amp;index=77</a>
		Governer	<a href="https://www.youtube.com/watch?v=OIZXxPVpmBs&amp;list=PL46AAEDA6ABAFC78&amp;index=18">https://www.youtube.com/watch?v=OIZXxPVpmBs&amp;list=PL46AAEDA6ABAFC78&amp;index=18</a> <a href="https://www.youtube.com/watch?v=AchBiFAEeLo&amp;list=PL46AAEDA6ABAFC78&amp;index=19">https://www.youtube.com/watch?v=AchBiFAEeLo&amp;list=PL46AAEDA6ABAFC78&amp;index=19</a> <a href="https://www.youtube.com/watch?v=dXsQslmyxf4&amp;list=PL46AAEDA6ABAFC78&amp;index=20">https://www.youtube.com/watch?v=dXsQslmyxf4&amp;list=PL46AAEDA6ABAFC78&amp;index=20</a>
		Cams and followers	<a href="https://www.youtube.com/watch?v=55tKVBVQDUY&amp;list=PLBEA57F7E7560C8E8&amp;index=28">https://www.youtube.com/watch?v=55tKVBVQDUY&amp;list=PLBEA57F7E7560C8E8&amp;index=28</a> <a href="https://www.youtube.com/watch?v=oQrcPiQuCHI&amp;list=PLBEA57F7E7560C8E8&amp;index=29">https://www.youtube.com/watch?v=oQrcPiQuCHI&amp;list=PLBEA57F7E7560C8E8&amp;index=29</a> <a href="https://www.youtube.com/watch?v=drUC3VIGfnU&amp;list=PLBEA57F7E7560C8E8&amp;index=30">https://www.youtube.com/watch?v=drUC3VIGfnU&amp;list=PLBEA57F7E7560C8E8&amp;index=30</a> <a href="https://www.youtube.com/watch?v=sWiaAZxbG9Y&amp;list=PLBEA57F7E7560C8E8&amp;index=31">https://www.youtube.com/watch?v=sWiaAZxbG9Y&amp;list=PLBEA57F7E7560C8E8&amp;index=31</a> <a href="https://www.youtube.com/watch?v=y14pKDvBqfw&amp;list=PLBEA57F7E7560C8E8&amp;index=32">https://www.youtube.com/watch?v=y14pKDvBqfw&amp;list=PLBEA57F7E7560C8E8&amp;index=32</a> <a href="https://www.youtube.com/watch?v=SRH6EOBTy00&amp;list=PLBEA57F7E7560C8E8&amp;index=33">https://www.youtube.com/watch?v=SRH6EOBTy00&amp;list=PLBEA57F7E7560C8E8&amp;index=33</a>
		Balancing of Machine parts	<a href="https://www.youtube.com/watch?v=aRuDXMuNDc&amp;list=PL46AAEDA6ABAFC78&amp;index=8">https://www.youtube.com/watch?v=aRuDXMuNDc&amp;list=PL46AAEDA6ABAFC78&amp;index=8</a> <a href="https://www.youtube.com/watch?v=HKVvJWArgg8&amp;list=PL46AAEDA6ABAFC78&amp;index=9">https://www.youtube.com/watch?v=HKVvJWArgg8&amp;list=PL46AAEDA6ABAFC78&amp;index=9</a> <a href="https://www.youtube.com/watch?v=CI9xMNvTLFI&amp;list=PL46AAEDA6ABAFC78&amp;index=10">https://www.youtube.com/watch?v=CI9xMNvTLFI&amp;list=PL46AAEDA6ABAFC78&amp;index=10</a> <a href="https://www.youtube.com/watch?v=YoZgk1xIIW4&amp;list=PL46AAEDA6ABAFC78&amp;index=12">https://www.youtube.com/watch?v=YoZgk1xIIW4&amp;list=PL46AAEDA6ABAFC78&amp;index=12</a> <a href="https://www.youtube.com/watch?v=O1xeoRTIAkU&amp;list=PL46AAEDA6ABAFC78&amp;index=13">https://www.youtube.com/watch?v=O1xeoRTIAkU&amp;list=PL46AAEDA6ABAFC78&amp;index=13</a> <a href="https://www.youtube.com/watch?v=GPDZ4izcS2M&amp;list=PL46AAEDA6ABAFC78&amp;index=14">https://www.youtube.com/watch?v=GPDZ4izcS2M&amp;list=PL46AAEDA6ABAFC78&amp;index=14</a>
		Vibration	<a href="https://www.youtube.com/watch?v=QSUOsQokxS8&amp;list=PL46AAEDA6ABAFC78&amp;index=21">https://www.youtube.com/watch?v=QSUOsQokxS8&amp;list=PL46AAEDA6ABAFC78&amp;index=21</a> <a href="https://www.youtube.com/watch?v=KUdqhvX87-g&amp;list=PL46AAEDA6ABAFC78&amp;index=22">https://www.youtube.com/watch?v=KUdqhvX87-g&amp;list=PL46AAEDA6ABAFC78&amp;index=22</a> <a href="https://www.youtube.com/watch?v=VjPdIOCHQ3E&amp;list=PL46AAEDA6ABAFC78&amp;index=23">https://www.youtube.com/watch?v=VjPdIOCHQ3E&amp;list=PL46AAEDA6ABAFC78&amp;index=23</a> <a href="https://www.youtube.com/watch?v=zvGTnyr6XP0&amp;list=PL46AAEDA6ABAFC78&amp;index=24">https://www.youtube.com/watch?v=zvGTnyr6XP0&amp;list=PL46AAEDA6ABAFC78&amp;index=24</a>

			<a href="https://www.youtube.com/watch?v=2FwzQKRs3bk&amp;list=PL46AAEDA6ABAFC78&amp;index=25">https://www.youtube.com/watch?v=2FwzQKRs3bk&amp;list=PL46AAEDA6ABAFC78&amp;index=25</a> <a href="https://www.youtube.com/watch?v=PCOp1AYrDOo&amp;list=PL46AAEDA6ABAFC78&amp;index=26">https://www.youtube.com/watch?v=PCOp1AYrDOo&amp;list=PL46AAEDA6ABAFC78&amp;index=26</a> <a href="https://www.youtube.com/watch?v=fwpaf51ffSs&amp;list=PL46AAEDA6ABAFC78&amp;index=27">https://www.youtube.com/watch?v=fwpaf51ffSs&amp;list=PL46AAEDA6ABAFC78&amp;index=27</a>
		Gear and Gear train	<a href="https://www.youtube.com/watch?v=N0hTFnvIE7A&amp;list=PLBEA57F7E7560C8E8&amp;index=34">https://www.youtube.com/watch?v=N0hTFnvIE7A&amp;list=PLBEA57F7E7560C8E8&amp;index=34</a> <a href="https://www.youtube.com/watch?v=ItKT2qw64E8&amp;list=PLBEA57F7E7560C8E8&amp;index=35">https://www.youtube.com/watch?v=ItKT2qw64E8&amp;list=PLBEA57F7E7560C8E8&amp;index=35</a> <a href="https://www.youtube.com/watch?v=wzZdMZxKwF4&amp;list=PLBEA57F7E7560C8E8&amp;index=36">https://www.youtube.com/watch?v=wzZdMZxKwF4&amp;list=PLBEA57F7E7560C8E8&amp;index=36</a> <a href="https://www.youtube.com/watch?v=8E70qjdE6fI&amp;list=PLBEA57F7E7560C8E8&amp;index=37">https://www.youtube.com/watch?v=8E70qjdE6fI&amp;list=PLBEA57F7E7560C8E8&amp;index=37</a> <a href="https://www.youtube.com/watch?v=c_kU_lqaFRk&amp;list=PLBEA57F7E7560C8E8&amp;index=38">https://www.youtube.com/watch?v=c_kU_lqaFRk&amp;list=PLBEA57F7E7560C8E8&amp;index=38</a> <a href="https://www.youtube.com/watch?v=a6O861Et2aQ&amp;list=PLBEA57F7E7560C8E8&amp;index=39">https://www.youtube.com/watch?v=a6O861Et2aQ&amp;list=PLBEA57F7E7560C8E8&amp;index=39</a>

Subject Name- Fluid Mechanics					
Code	Course Tittle	Paper Code	Topics		Links
PME-2251	Fluid Mechanics	PME-2251	Fundamentals Of Fluid Flow		<a href="https://www.youtube.com/watch?v=PgKsr2_oxc">https://www.youtube.com/watch?v=PgKsr2_oxc</a>
			Pressure And Its Measurement		<a href="https://www.youtube.com/watch?v=wRl-6YpjNQ">https://www.youtube.com/watch?v=wRl-6YpjNQ</a>
			Buoyancy And Floatation		<a href="https://www.youtube.com/watch?v=gVdK39LBlbs">https://www.youtube.com/watch?v=gVdK39LBlbs</a>
			Dimensional And Model Analysis		<a href="https://www.youtube.com/watch?v=nEnE2ZDbhQY">https://www.youtube.com/watch?v=nEnE2ZDbhQY</a>
			Basic Equation Of Fluid Flow		<a href="https://www.youtube.com/watch?v=F7L4ZCWtp94">https://www.youtube.com/watch?v=F7L4ZCWtp94</a>
			Flow Through Pipes		<a href="https://www.youtube.com/watch?v=9XjEmYzGdGk">https://www.youtube.com/watch?v=9XjEmYzGdGk</a>
			Hydraulic Machines (Turbines )		<a href="https://www.youtube.com/watch?v=zu3nP0dTLso">https://www.youtube.com/watch?v=zu3nP0dTLso</a>
			Hydraulic Machines (Water Pumps)		<a href="https://www.youtube.com/watch?v=A-TGkGsbAPI">https://www.youtube.com/watch?v=A-TGkGsbAPI</a>

Subject Name- IC ENGINE					
Code	Course Tittle	Paper Code	Topics		Links
PME 2252	IC ENGINE	PME 2252	Introduction to IC ENGINE	External and internal combustion engines , engine components , SI and CI ENGINE  Four stroke and two stroke engines  Classification of IC ENGINE	<a href="https://youtu.be/sRu-majrRmM">https://youtu.be/sRu-majrRmM</a>  <a href="https://youtu.be/q-CfzNh99sQ">https://youtu.be/q-CfzNh99sQ</a>  <a href="https://youtu.be/SU5VTGR2giY">https://youtu.be/SU5VTGR2giY</a>
			Air standard cycles	Otto ,diesel and dual cycles  Comparison between cycles	1.) <a href="https://youtu.be/03aVTKQeXNY">https://youtu.be/03aVTKQeXNY</a>  2.) <a href="https://youtu.be/9H01exiYCYc">https://youtu.be/9H01exiYCYc</a>  <a href="https://youtu.be/gCKiXplQ8n8">https://youtu.be/gCKiXplQ8n8</a>
			Carburation	CARBURETTOR and mixture requirement  Idling , cruising and power ranges	<a href="https://youtu.be/1I7jRI2dmgc">https://youtu.be/1I7jRI2dmgc</a>  <a href="https://youtu.be/XT-DjBqkijU">https://youtu.be/XT-DjBqkijU</a>  <a href="https://youtu.be/bxCDraxWxm0Y">https://youtu.be/bxCDraxWxm0Y</a>  <a href="https://youtu.be/bxCDraxWxm0Y">https://youtu.be/bxCDraxWxm0Y</a>

			Ignition and LUBRICATION system	Battery ignition system  SI injection system  Mechanical and electronic injection system  Engine friction and lubrication	<a href="https://youtu.be/SIXjNg5vEjc">https://youtu.be/SIXjNg5vEjc</a>  <a href="https://youtu.be/gbID5bHIAzU">https://youtu.be/gbID5bHIAzU</a>  <a href="https://youtu.be/y8FN-TV3eSw">https://youtu.be/y8FN-TV3eSw</a>  <a href="https://youtu.be/VuIB-5MvdOs">https://youtu.be/VuIB-5MvdOs</a>
			Fuel injection system	Heat transfer and energy distribution  Octane and cetane no. and cooling systems  Problems in IC engine	<a href="https://youtu.be/k-4EIQIMhUw">https://youtu.be/k-4EIQIMhUw</a>  <a href="https://youtu.be/rGSApiN-NGg">https://youtu.be/rGSApiN-NGg</a>  <a href="https://youtu.be/2-tqOH4mKLU">https://youtu.be/2-tqOH4mKLU</a>
			Alternative fuels	Types of fuels, requirements and characteristics	<a href="https://youtu.be/VnGH2EScMDE">https://youtu.be/VnGH2EScMDE</a>
			Combustion in SI AND CI ENGINES	Combustion in SI ENGINE  Combustion in CI ENGINE	<a href="https://youtu.be/iuleZom8zv4">https://youtu.be/iuleZom8zv4</a>  <a href="https://youtu.be/ATiIXUj0Z7U">https://youtu.be/ATiIXUj0Z7U</a>

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Subject Name- Industrial Engineering and Entrepreneurship				
Code	Course Title	Paper Code	Topics	Links
PM E 225 4	<b>Industrial Engineering and Entrepreneurship</b>	PME 2254	Management Concepts	<a href="https://www.youtube.com/watch?v=0GyKxRYx1tQ">https://www.youtube.com/watch?v=0GyKxRYx1tQ</a> <a href="https://www.youtube.com/watch?v=RlozYN_rhkA">https://www.youtube.com/watch?v=RlozYN_rhkA</a> <a href="https://www.youtube.com/watch?v=6e4s_AmOl_k">https://www.youtube.com/watch?v=6e4s_AmOl_k</a> <a href="https://www.youtube.com/watch?v=Nel1dwimFS8">https://www.youtube.com/watch?v=Nel1dwimFS8</a> <a href="https://www.youtube.com/watch?v=fLixyDdRxds">https://www.youtube.com/watch?v=fLixyDdRxds</a> <a href="https://www.youtube.com/watch?v=_Mi84r1LK80">https://www.youtube.com/watch?v=_Mi84r1LK80</a>
			Material Management and Inventory Control	<a href="https://www.youtube.com/watch?v=XP_zi6Gbu_Q">https://www.youtube.com/watch?v=XP_zi6Gbu_Q</a> <a href="https://www.youtube.com/watch?v=ZpUD9kkPTil">https://www.youtube.com/watch?v=ZpUD9kkPTil</a> <a href="https://www.youtube.com/watch?v=fFR1nYhF_iw">https://www.youtube.com/watch?v=fFR1nYhF_iw</a> <a href="https://www.youtube.com/watch?v=8iAwz25wCkQ">https://www.youtube.com/watch?v=8iAwz25wCkQ</a> <a href="https://www.youtube.com/watch?v=IATiZLMjZ48">https://www.youtube.com/watch?v=IATiZLMjZ48</a> <a href="https://www.youtube.com/watch?v=mRyYWOTJsBQ">https://www.youtube.com/watch?v=mRyYWOTJsBQ</a> <a href="https://www.youtube.com/watch?v=f8HcfV9NFsQ">https://www.youtube.com/watch?v=f8HcfV9NFsQ</a> <a href="https://www.youtube.com/watch?v=ea6FN9cIF_c">https://www.youtube.com/watch?v=ea6FN9cIF_c</a> <a href="https://www.youtube.com/watch?v=QRVB0a7FOJY">https://www.youtube.com/watch?v=QRVB0a7FOJY</a>
			Project Scheduling	<a href="https://www.youtube.com/watch?v=6s82PFphIB4">https://www.youtube.com/watch?v=6s82PFphIB4</a> <a href="https://www.youtube.com/watch?v=2GgML93ww2E">https://www.youtube.com/watch?v=2GgML93ww2E</a> <a href="https://www.youtube.com/watch?v=oD-DPF2jw4A">https://www.youtube.com/watch?v=oD-DPF2jw4A</a> <a href="https://www.youtube.com/watch?v=Op3TAx8QP-E">https://www.youtube.com/watch?v=Op3TAx8QP-E</a> <a href="https://www.youtube.com/watch?v=epE6B_18g-o">https://www.youtube.com/watch?v=epE6B_18g-o</a> <a href="https://www.youtube.com/watch?v=LcDKG2dWew">https://www.youtube.com/watch?v=LcDKG2dWew</a>
			Organisation Culture	<a href="https://www.youtube.com/watch?v=8fiNNSC_7ug&amp;t=79s">https://www.youtube.com/watch?v=8fiNNSC_7ug&amp;t=79s</a> <a href="https://www.youtube.com/watch?v=HcUAyBi5OT0&amp;t">https://www.youtube.com/watch?v=HcUAyBi5OT0&amp;t</a> <a href="https://www.youtube.com/watch?v=UbLVoF5u31I">https://www.youtube.com/watch?v=UbLVoF5u31I</a>

			<p><a href="https://www.youtube.com/watch?v=gRsm29Pjrj4&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=34">https://www.youtube.com/watch?v=gRsm29Pjrj4&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=34</a></p> <p><a href="https://www.youtube.com/watch?v=QH92zUXNRvE&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=35">https://www.youtube.com/watch?v=QH92zUXNRvE&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=35</a></p> <p><a href="https://www.youtube.com/watch?v=ImjNujLWx0E&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=36">https://www.youtube.com/watch?v=ImjNujLWx0E&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=36</a></p> <p><a href="https://www.youtube.com/watch?v=AqZX-UeN1_A&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=37">https://www.youtube.com/watch?v=AqZX-UeN1_A&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=37</a></p> <p><a href="https://www.youtube.com/watch?v=zupvnzYGXZ8">https://www.youtube.com/watch?v=zupvnzYGXZ8</a></p>
		Industrial Relations	<p><a href="https://www.youtube.com/watch?v=aQnY2TETPZk&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=11">https://www.youtube.com/watch?v=aQnY2TETPZk&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=11</a></p> <p><a href="https://www.youtube.com/watch?v=x7wFbxpB870&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=12">https://www.youtube.com/watch?v=x7wFbxpB870&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=12</a></p> <p><a href="https://www.youtube.com/watch?v=oi3aY-oAoX8&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=13">https://www.youtube.com/watch?v=oi3aY-oAoX8&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=13</a></p> <p><a href="https://www.youtube.com/watch?v=ytZ4-Qz0kwM&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=14">https://www.youtube.com/watch?v=ytZ4-Qz0kwM&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=14</a></p> <p><a href="https://www.youtube.com/watch?v=ex_z135QSqk&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=16">https://www.youtube.com/watch?v=ex_z135QSqk&amp;list=PLtXlgroUwTXedVUIAHEH_cOxDI4xzHpNT&amp;index=16</a></p> <p><a href="https://www.youtube.com/watch?v=Yql8X_iAH5A&amp;t">https://www.youtube.com/watch?v=Yql8X_iAH5A&amp;t</a></p> <p><a href="https://www.youtube.com/watch?v=JpS45Ey-QpU">https://www.youtube.com/watch?v=JpS45Ey-QpU</a></p> <p><a href="https://www.youtube.com/watch?v=yMFsNRfInLU">https://www.youtube.com/watch?v=yMFsNRfInLU</a></p> <p><a href="https://www.youtube.com/watch?v=6J-VvleH06k">https://www.youtube.com/watch?v=6J-VvleH06k</a></p>
		Entrepreneurship	<p><a href="https://www.youtube.com/watch?v=hnBla1FfcLo&amp;list=PLWPirh4EWFpFdjXD-sMiUb_Pf9LillhGI&amp;index=2">https://www.youtube.com/watch?v=hnBla1FfcLo&amp;list=PLWPirh4EWFpFdjXD-sMiUb_Pf9LillhGI&amp;index=2</a></p> <p><a href="https://www.youtube.com/watch?v=Z-wddGo0Qww&amp;list=PLWPirh4EWFpFdjXD-sMiUb_Pf9LillhGI&amp;index=4">https://www.youtube.com/watch?v=Z-wddGo0Qww&amp;list=PLWPirh4EWFpFdjXD-sMiUb_Pf9LillhGI&amp;index=4</a></p> <p><a href="https://www.youtube.com/watch?v=5oI2H533N2c&amp;list=PLWPirh4EWFpFdjXD-sMiUb_Pf9LillhGI&amp;index=5">https://www.youtube.com/watch?v=5oI2H533N2c&amp;list=PLWPirh4EWFpFdjXD-sMiUb_Pf9LillhGI&amp;index=5</a></p> <p><a href="https://www.youtube.com/watch?v=sVaqWABhVOg">https://www.youtube.com/watch?v=sVaqWABhVOg</a></p> <p><a href="https://www.youtube.com/watch?v=xB2Vx9CqPwM">https://www.youtube.com/watch?v=xB2Vx9CqPwM</a></p> <p><a href="https://www.youtube.com/watch?v=1RtZEk4J8X8&amp;list=PL-ZxmUjb8PI19pV_sjpIRVudXuFPz5adl">https://www.youtube.com/watch?v=1RtZEk4J8X8&amp;list=PL-ZxmUjb8PI19pV_sjpIRVudXuFPz5adl</a></p>

				<p><a href="https://www.youtube.com/watch?v=RSVHWuoOLzl&amp;list=PL-ZxmUJb8PI19pV_sjpIRVudXuFPz5adI&amp;index=2">https://www.youtube.com/watch?v=RSVHWuoOLzl&amp;list=PL-ZxmUJb8PI19pV_sjpIRVudXuFPz5adI&amp;index=2</a></p> <p><a href="https://www.youtube.com/watch?v=lr4yb4OTvts&amp;list=PL-ZxmUJb8PI19pV_sjpIRVudXuFPz5adI&amp;index=3">https://www.youtube.com/watch?v=lr4yb4OTvts&amp;list=PL-ZxmUJb8PI19pV_sjpIRVudXuFPz5adI&amp;index=3</a></p> <p><a href="https://www.youtube.com/watch?v=BdjTd7XiB_w&amp;list=PL-ZxmUJb8PI19pV_sjpIRVudXuFPz5adI&amp;index=4">https://www.youtube.com/watch?v=BdjTd7XiB_w&amp;list=PL-ZxmUJb8PI19pV_sjpIRVudXuFPz5adI&amp;index=4</a></p> <p><a href="https://www.youtube.com/watch?v=1u36CE7oeFc&amp;list=PL-ZxmUJb8PI19pV_sjpIRVudXuFPz5adI&amp;index=9">https://www.youtube.com/watch?v=1u36CE7oeFc&amp;list=PL-ZxmUJb8PI19pV_sjpIRVudXuFPz5adI&amp;index=9</a></p> <p><a href="https://www.youtube.com/watch?v=qRM4dk2OM9Y&amp;list=PL-ZxmUJb8PI19pV_sjpIRVudXuFPz5adI&amp;index=10">https://www.youtube.com/watch?v=qRM4dk2OM9Y&amp;list=PL-ZxmUJb8PI19pV_sjpIRVudXuFPz5adI&amp;index=10</a></p>
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Subject Name- MACHINE TOOL TECHNOLOGY					
Code	Course Title	Paper Code	Topics		Links
PME-2254	MACHINE TOOL TECHNOLOGY	PME-2254	Introduction of Machine Tool		<a href="https://www.youtube.com/watch?v=ie06Hxpg1G0">https://www.youtube.com/watch?v=ie06Hxpg1G0</a>
			METAL CUTTING THEORY		<a href="https://www.youtube.com/watch?v=ND0etRwukjk">https://www.youtube.com/watch?v=ND0etRwukjk</a>
			LATHE		<a href="https://www.youtube.com/watch?v=VK4wrSERCj4">https://www.youtube.com/watch?v=VK4wrSERCj4</a>
			SHAPER, DRILLING & BORING MACHINE		<a href="https://www.youtube.com/watch?v=_xtBWs5xA1Q">https://www.youtube.com/watch?v=_xtBWs5xA1Q</a> <a href="https://www.youtube.com/watch?v=LjV9tT7LCv4">https://www.youtube.com/watch?v=LjV9tT7LCv4</a>
			MILLING MACHINES		<a href="https://www.youtube.com/watch?v=qG2Qtdd9zt0">https://www.youtube.com/watch?v=qG2Qtdd9zt0</a>
			GRINDING MACHINES AND FINISHING PROCESSES		<a href="https://www.youtube.com/watch?v=QMEiPdtES58">https://www.youtube.com/watch?v=QMEiPdtES58</a> <a href="https://www.youtube.com/watch?v=KxZJ6aJCTvc">https://www.youtube.com/watch?v=KxZJ6aJCTvc</a>
			SPECIAL PURPOSE MACHINES		<a href="https://www.youtube.com/watch?v=GGBoVyAORtk">https://www.youtube.com/watch?v=GGBoVyAORtk</a>
			NC /CNC MACHINES		<a href="https://www.youtube.com/watch?v=h-chOBRWLX4">https://www.youtube.com/watch?v=h-chOBRWLX4</a>
			JIGS AND FIXTURES		<a href="https://www.youtube.com/watch?v=ko0_d7EDsTQ">https://www.youtube.com/watch?v=ko0_d7EDsTQ</a>
			MACHINE TOOL DRIVES		<a href="https://www.youtube.com/watch?v=HM8qnI03ku4">https://www.youtube.com/watch?v=HM8qnI03ku4</a>
			NON CONVENTIONAL MACHINING		<a href="https://www.youtube.com/watch?v=W0_RFE9kITs">https://www.youtube.com/watch?v=W0_RFE9kITs</a>



Subject Name- Mechanical Drafting				
Code	Course Tittle	Paper Code	Topics	Links
PME-2255	Mechanical Drafting	PME-2255	PROJECTION AND MULTI VIEW REPRESENTATION	<a href="https://youtu.be/UFxrJEVYBwk?t=1">https://youtu.be/UFxrJEVYBwk?t=1</a>
			SECTIONAL VIEWS	<a href="https://youtu.be/ShXqO8bJzmE?t=57">https://youtu.be/ShXqO8bJzmE?t=57</a>
			DIMENSIONING TOLERANCE, MACHINING AND WELDING SYMBOLS	<a href="https://www.youtube.com/watch?v=KZCkU9i-fiA">https://www.youtube.com/watch?v=KZCkU9i-fiA</a> <a href="https://www.youtube.com/watch?v=FbWo3QRJepI">https://www.youtube.com/watch?v=FbWo3QRJepI</a>
			PRODUCTION DRAWING	<a href="https://www.youtube.com/watch?v=5E8SCm0KO_4">https://www.youtube.com/watch?v=5E8SCm0KO_4</a>
			INTRODUCTION TO AUTO CAD	<a href="https://www.youtube.com/watch?v=sMVe97gN9wo">https://www.youtube.com/watch?v=sMVe97gN9wo</a>
			APPLICATION OF AUTO CAD	<a href="https://www.youtube.com/watch?v=ifM0JQ6-Nus">https://www.youtube.com/watch?v=ifM0JQ6-Nus</a>
			GEAR DRAWING	<a href="https://www.youtube.com/watch?v=cEuQjJnREhA">https://www.youtube.com/watch?v=cEuQjJnREhA</a>
			PIPE DRAFTING	<a href="https://www.youtube.com/watch?v=3sVNxCs1iQc">https://www.youtube.com/watch?v=3sVNxCs1iQc</a>
			GRAPH AND CHARTS	<a href="https://www.youtube.com/watch?v=uHRqkGXX55I">https://www.youtube.com/watch?v=uHRqkGXX55I</a>

Subject Name- Industrial Engg & Quality Control					
Code	Course Tittle	Paper Code	Topics		Links
PME-3201	Industrial Engg & Quality Control	PME-3201	Introduction of IE and QA		<a href="https://www.youtube.com/watch?v=jeD_ijYdsww">https://www.youtube.com/watch?v=jeD_ijYdsww</a>
			Productivity		<a href="https://www.youtube.com/watch?v=OU9Rsv8DFFA">https://www.youtube.com/watch?v=OU9Rsv8DFFA</a>
			Work study		<a href="https://www.youtube.com/watch?v=Jn7maaQAEzM">https://www.youtube.com/watch?v=Jn7maaQAEzM</a>
			Method study		<a href="https://www.youtube.com/watch?v=oRq9FL0si7Y">https://www.youtube.com/watch?v=oRq9FL0si7Y</a>
			Principles of motion economy		<a href="https://www.youtube.com/watch?v=HUaDmtdlmxk">https://www.youtube.com/watch?v=HUaDmtdlmxk</a>
			Micro Motion Study		<a href="https://www.youtube.com/watch?v=1D99FCtnOOQ">https://www.youtube.com/watch?v=1D99FCtnOOQ</a>
			Work Measurement		<a href="https://www.youtube.com/watch?v=j5D2jEssbAo">https://www.youtube.com/watch?v=j5D2jEssbAo</a>
			MOST Technique for work measurement		<a href="https://www.youtube.com/watch?v=TPkhxWAJvPw">https://www.youtube.com/watch?v=TPkhxWAJvPw</a>
			Job evaluation, wages and incentives		<a href="https://www.youtube.com/watch?v=BkGM3zLwlS8">https://www.youtube.com/watch?v=BkGM3zLwlS8</a> <a href="https://www.youtube.com/watch?v=TmVTLBJu-X8">https://www.youtube.com/watch?v=TmVTLBJu-X8</a> <a href="https://www.youtube.com/watch?v=bZzwp3FKas0">https://www.youtube.com/watch?v=bZzwp3FKas0</a>
			Material Handling		<a href="https://www.youtube.com/watch?v=Ss54Ca1Ltio">https://www.youtube.com/watch?v=Ss54Ca1Ltio</a>
			Statistical quality control		<a href="https://www.youtube.com/watch?v=gUPUuhVZfFE">https://www.youtube.com/watch?v=gUPUuhVZfFE</a>

			Control charts for variables	<a href="https://www.youtube.com/watch?v=MW9oGtjKg-k">https://www.youtube.com/watch?v=MW9oGtjKg-k</a>
			Control Charts for Attributes	<a href="https://www.youtube.com/watch?v=AatGnlsOdAY">https://www.youtube.com/watch?v=AatGnlsOdAY</a>
			Acceptance sampling	<a href="https://www.youtube.com/watch?v=xZgfnVXTYRQ">https://www.youtube.com/watch?v=xZgfnVXTYRQ</a>
			Total Quality Management (TQM)	<a href="https://www.youtube.com/watch?v=m01pZhkLrjE">https://www.youtube.com/watch?v=m01pZhkLrjE</a>

Subject Name- Machine Design				
Code	Course Title	Paper Code	Topics	Links
PME-3202	<b>Machine Design</b>	PME-3202	Introduction to Machine Design	<a href="https://www.youtube.com/watch?v=mzWMdZZaHwI&amp;list=PL3D4EECEFAA99D9BE">https://www.youtube.com/watch?v=mzWMdZZaHwI&amp;list=PL3D4EECEFAA99D9BE</a> <a href="https://www.youtube.com/watch?v=ofmbhbVCUql&amp;list=PL3D4EECEFAA99D9BE&amp;index=2">https://www.youtube.com/watch?v=ofmbhbVCUql&amp;list=PL3D4EECEFAA99D9BE&amp;index=2</a> <a href="https://www.youtube.com/watch?v=m9l1tVXyFp8&amp;list=PL3D4EECEFAA99D9BE&amp;index=3">https://www.youtube.com/watch?v=m9l1tVXyFp8&amp;list=PL3D4EECEFAA99D9BE&amp;index=3</a> <a href="https://www.youtube.com/watch?v=yH04FSBiCdk&amp;list=PL3D4EECEFAA99D9BE&amp;index=4">https://www.youtube.com/watch?v=yH04FSBiCdk&amp;list=PL3D4EECEFAA99D9BE&amp;index=4</a> <a href="https://www.youtube.com/watch?v=SuM-4yMMv4Y">https://www.youtube.com/watch?v=SuM-4yMMv4Y</a> <a href="https://www.youtube.com/watch?v=UsT0CtabRYY">https://www.youtube.com/watch?v=UsT0CtabRYY</a> <a href="https://www.youtube.com/watch?v=BBKFpiPpRKY">https://www.youtube.com/watch?v=BBKFpiPpRKY</a> <a href="https://www.youtube.com/watch?v=alyfzhgd9o8">https://www.youtube.com/watch?v=alyfzhgd9o8</a>
			Design of Machine Elements Subjected to Direct and Shear Loads	<a href="https://www.youtube.com/watch?v=J9Aj17MAyLY&amp;list=PL3D4EECEFAA99D9BE&amp;index=13">https://www.youtube.com/watch?v=J9Aj17MAyLY&amp;list=PL3D4EECEFAA99D9BE&amp;index=13</a> <a href="https://www.youtube.com/watch?v=OT6VcqvOoGY&amp;list=PL3D4EECEFAA99D9BE&amp;index=14">https://www.youtube.com/watch?v=OT6VcqvOoGY&amp;list=PL3D4EECEFAA99D9BE&amp;index=14</a>
			Design of Machine Elements Subjected to Bending Moment, Twisting Moment and Combined Bending and Twisting Moment	<a href="https://www.youtube.com/watch?v=G0bShPqHn5c&amp;list=PL3D4EECEFAA99D9BE&amp;index=15">https://www.youtube.com/watch?v=G0bShPqHn5c&amp;list=PL3D4EECEFAA99D9BE&amp;index=15</a> <a href="https://www.youtube.com/watch?v=uGxfchLe-I&amp;list=PL3D4EECEFAA99D9BE&amp;index=20">https://www.youtube.com/watch?v=uGxfchLe-I&amp;list=PL3D4EECEFAA99D9BE&amp;index=20</a> <a href="https://www.youtube.com/watch?v=4nIQwVgruRo&amp;list=PL3D4EECEFAA99D9BE&amp;index=21">https://www.youtube.com/watch?v=4nIQwVgruRo&amp;list=PL3D4EECEFAA99D9BE&amp;index=21</a> <a href="https://www.youtube.com/watch?v=Qfhlea6KzZA&amp;list=PL3D4EECEFAA99D9BE&amp;index=27">https://www.youtube.com/watch?v=Qfhlea6KzZA&amp;list=PL3D4EECEFAA99D9BE&amp;index=27</a> <a href="https://www.youtube.com/watch?v=46quOD7V-cQ&amp;list=PL3D4EECEFAA99D9BE&amp;index=28">https://www.youtube.com/watch?v=46quOD7V-cQ&amp;list=PL3D4EECEFAA99D9BE&amp;index=28</a> <a href="https://www.youtube.com/watch?v=T4IgtIkBnOo&amp;list=PL3D4EECEFAA99D9BE&amp;index=29">https://www.youtube.com/watch?v=T4IgtIkBnOo&amp;list=PL3D4EECEFAA99D9BE&amp;index=29</a> <a href="https://www.youtube.com/watch?v=dKfriV8H9-8&amp;list=PL3D4EECEFAA99D9BE&amp;index=34">https://www.youtube.com/watch?v=dKfriV8H9-8&amp;list=PL3D4EECEFAA99D9BE&amp;index=34</a>
			Design of Riveted Joint	<a href="https://www.youtube.com/watch?v=C5ZPaCvoigw&amp;list=PL3D4EECEFAA99D9BE&amp;index=22">https://www.youtube.com/watch?v=C5ZPaCvoigw&amp;list=PL3D4EECEFAA99D9BE&amp;index=22</a>
			Design of Simple Welded Joints	<a href="https://www.youtube.com/watch?v=7b1bd-lgra0&amp;list=PL3D4EECEFAA99D9BE&amp;index=23">https://www.youtube.com/watch?v=7b1bd-lgra0&amp;list=PL3D4EECEFAA99D9BE&amp;index=23</a> <a href="https://www.youtube.com/watch?v=LQpxTqHB_p8&amp;list=PL3D4EECEFAA99D9BE&amp;index=24">https://www.youtube.com/watch?v=LQpxTqHB_p8&amp;list=PL3D4EECEFAA99D9BE&amp;index=24</a> <a href="https://www.youtube.com/watch?v=_py5xbKHGA&amp;list=PL3D4EECEFAA99D9BE&amp;index=25">https://www.youtube.com/watch?v=_py5xbKHGA&amp;list=PL3D4EECEFAA99D9BE&amp;index=25</a> <a href="https://www.youtube.com/watch?v=c5riYimFlrY&amp;list=PL3D4EECEFAA99D9BE&amp;index=26">https://www.youtube.com/watch?v=c5riYimFlrY&amp;list=PL3D4EECEFAA99D9BE&amp;index=26</a>

		Design of Threaded Joints	<a href="https://www.youtube.com/watch?v=Z38Aq9ykUCM&amp;list=PL3D4EECEFAA99D9BE&amp;index=16">https://www.youtube.com/watch?v=Z38Aq9ykUCM&amp;list=PL3D4EECEFAA99D9BE&amp;index=16</a> <a href="https://www.youtube.com/watch?v=4qGv0WgJk9s&amp;list=PL3D4EECEFAA99D9BE&amp;index=17">https://www.youtube.com/watch?v=4qGv0WgJk9s&amp;list=PL3D4EECEFAA99D9BE&amp;index=17</a>
		Selection of Rolling and Sliding contact Bearing	<a href="https://www.youtube.com/watch?v=9vYM3P-RuYY&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal">https://www.youtube.com/watch?v=9vYM3P-RuYY&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal</a> <a href="https://www.youtube.com/watch?v=1JHQm7YNemM&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=2">https://www.youtube.com/watch?v=1JHQm7YNemM&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=2</a> <a href="https://www.youtube.com/watch?v=CLMdkekbt3E&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=3">https://www.youtube.com/watch?v=CLMdkekbt3E&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=3</a> <a href="https://www.youtube.com/watch?v=gpa9yXds7hU&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=4">https://www.youtube.com/watch?v=gpa9yXds7hU&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=4</a> <a href="https://www.youtube.com/watch?v=ZOfzyZl-4m8&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=5">https://www.youtube.com/watch?v=ZOfzyZl-4m8&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=5</a> <a href="https://www.youtube.com/watch?v=pDfr-hbe-6M&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=6">https://www.youtube.com/watch?v=pDfr-hbe-6M&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=6</a> <a href="https://www.youtube.com/watch?v=M1oWpOk9ULg&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=7">https://www.youtube.com/watch?v=M1oWpOk9ULg&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=7</a> <a href="https://www.youtube.com/watch?v=uMjw2MXq9a0&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=8">https://www.youtube.com/watch?v=uMjw2MXq9a0&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=8</a> <a href="https://www.youtube.com/watch?v=e9QvH8FSCWs&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=9">https://www.youtube.com/watch?v=e9QvH8FSCWs&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=9</a> <a href="https://www.youtube.com/watch?v=e9QvH8FSCWs&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=10">https://www.youtube.com/watch?v=e9QvH8FSCWs&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=10</a> <a href="https://www.youtube.com/watch?v=VjbeLz0_grQ&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=11">https://www.youtube.com/watch?v=VjbeLz0_grQ&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=11</a> <a href="https://www.youtube.com/watch?v=Qx_kf00TUU&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=12">https://www.youtube.com/watch?v=Qx_kf00TUU&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=12</a> <a href="https://www.youtube.com/watch?v=J1RnJ3vDDK4&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=13">https://www.youtube.com/watch?v=J1RnJ3vDDK4&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=13</a> <a href="https://www.youtube.com/watch?v=mTO7U-Xptak&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=14">https://www.youtube.com/watch?v=mTO7U-Xptak&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=14</a> <a href="https://www.youtube.com/watch?v=LxTV8CpgrnQ&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=15">https://www.youtube.com/watch?v=LxTV8CpgrnQ&amp;list=PLelAq9xzEDXCb2rmz55CEvtmODI6d2hal&amp;index=15</a>
		Design of Clutch	<a href="https://www.youtube.com/watch?v=0UhDnbsTuU8">https://www.youtube.com/watch?v=0UhDnbsTuU8</a> <a href="https://www.youtube.com/watch?v=D4xIsS8zoLI">https://www.youtube.com/watch?v=D4xIsS8zoLI</a> <a href="https://www.youtube.com/watch?v=zznzz94YF_o">https://www.youtube.com/watch?v=zznzz94YF_o</a> <a href="https://www.youtube.com/watch?v=GfQnQoq55cl">https://www.youtube.com/watch?v=GfQnQoq55cl</a>

Subject Name-METROLOGY AND INSTRUMENTATION					
Code	Course Title	Paper Code	Topics		Links
PME 3203	Metrology and instrumentation	PME 3203	Introduction to metrology	Introduction	<a href="https://youtu.be/HpIEeBtJupY">https://youtu.be/HpIEeBtJupY</a>
				Terminologies	<a href="https://youtu.be/jpHzjhYyKO4">https://youtu.be/jpHzjhYyKO4</a>
				Measurement errors	<a href="https://youtu.be/7VNyylnaVsU">https://youtu.be/7VNyylnaVsU</a>
			Linear metrology	Angle plate, spring callipers ,steel rule	<a href="https://youtu.be/u8UW9O1UHCw">https://youtu.be/u8UW9O1UHCw</a>
				Combination set , vernier calliper	<a href="https://youtu.be/SBGacenZ_80">https://youtu.be/SBGacenZ_80</a>
				Height guage and micrometer	<a href="https://youtu.be/foyRjm-dSul">https://youtu.be/foyRjm-dSul</a>
				Dial indicator , depth guage , thickness guage	<a href="https://youtu.be/xPUjQAtre7Q">https://youtu.be/xPUjQAtre7Q</a>
			Limits fits and tolerances	Manufacturing tolerances and fits	<a href="https://youtu.be/-_qz8_sbhwY">https://youtu.be/-_qz8_sbhwY</a>
				Terminologies of limits fits and tolerances	<a href="https://youtu.be/c8TKftViusQ">https://youtu.be/c8TKftViusQ</a>
				Selection fits and	<a href="https://youtu.be/rbk28swliHU">https://youtu.be/rbk28swliHU</a>

				geometrical tolerances  Design of limit guage	<a href="https://youtu.be/zmxjlFEcCUM">https://youtu.be/zmxjlFEcCUM</a>
			Measurement of squareness , flatness and straightness		<a href="https://youtu.be/CtGXjmqZqWc">https://youtu.be/CtGXjmqZqWc</a>
			Measurement of surface finish	Basics of surface roughness  Surface finish parameters	<a href="https://youtu.be/dzhh82H2Nuk">https://youtu.be/dzhh82H2Nuk</a>  <a href="https://youtu.be/99zzBRKYLwQ">https://youtu.be/99zzBRKYLwQ</a>
			Interferometry	Basics of interferometry  Interferometer	<a href="https://youtu.be/Qv5YzrqL6sU">https://youtu.be/Qv5YzrqL6sU</a>  <a href="https://youtu.be/Cyz00qLobK8">https://youtu.be/Cyz00qLobK8</a>
			Compractors	Introduction to compractors and mechanical compractor  Electrical and optical compractor  Pneumatic compractors	<a href="https://youtu.be/Hi7NUJdznc0">https://youtu.be/Hi7NUJdznc0</a>  <a href="https://youtu.be/2vgkxHe_24g">https://youtu.be/2vgkxHe_24g</a>  <a href="https://youtu.be/TyM28gmhJcc">https://youtu.be/TyM28gmhJcc</a>

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Subject Name-PROCESS PLANNING ESTIMATION AND COSTING					
Code	Course Title	Paper Code	Topics		Links
PME 3204	PPE & C	PME 3204	Basics of process planning	Process planning	<a href="https://youtu.be/y24meNzbUoU">https://youtu.be/y24meNzbUoU</a>
				Building estimation and costing	<a href="https://youtu.be/r0aDjTLxy5c">https://youtu.be/r0aDjTLxy5c</a>
				Introduction of estimating	<a href="https://youtu.be/7NdMVleY-T0">https://youtu.be/7NdMVleY-T0</a>
			Cost estimating	Basics of cost estimating	<a href="https://youtu.be/kgh5MQjA5do">https://youtu.be/kgh5MQjA5do</a>
			Estimation of machining time	Machining time in lathe	<a href="https://youtu.be/dje_JXy-CDo">https://youtu.be/dje_JXy-CDo</a>
				Turning operation	<a href="https://youtu.be/ioC1HSsprFk">https://youtu.be/ioC1HSsprFk</a>
				Thread cutting	<a href="https://youtu.be/Jv3msJ8P26g">https://youtu.be/Jv3msJ8P26g</a>
			Numerical problems I		<a href="https://youtu.be/iXhRX69HZQg">https://youtu.be/iXhRX69HZQg</a>
			Numerical problems II		<a href="https://youtu.be/WCwFumPlDc4">https://youtu.be/WCwFumPlDc4</a>
			Numerical problems on threading opreration		<a href="https://youtu.be/77_os7Bnjo">https://youtu.be/77_os7Bnjo</a>
			Estimation of macinne shop		<a href="https://youtu.be/ZTNIOWYJtiQ">https://youtu.be/ZTNIOWYJtiQ</a>
			Estimation of drilling time		<a href="https://youtu.be/_lo_Jygu8XI">https://youtu.be/_lo_Jygu8XI</a>
			Estimation of project cost		<a href="https://youtu.be/GGikveOcaJw">https://youtu.be/GGikveOcaJw</a>

			Numerical problems I		<a href="https://youtu.be/fd_0EZxhdOs">https://youtu.be/fd_0EZxhdOs</a>
			Numerical problems on forging		<a href="https://youtu.be/48ZCvIN7qPQ">https://youtu.be/48ZCvIN7qPQ</a>
			Basics concept of estimating. And costing		<a href="https://youtu.be/3hSIXwWZE2I">https://youtu.be/3hSIXwWZE2I</a>
			Estimation and costing part II		<a href="https://youtu.be/0veqwkJ_o6o">https://youtu.be/0veqwkJ_o6o</a>
			Weight calculation and cost calculation		<a href="https://youtu.be/ooWbmy6pUts">https://youtu.be/ooWbmy6pUts</a>

Subject Name- refrigeration and air conditioning				
Code	Course Title	Paper Code	Topics	Links
PME-3205	<b>refrigeration and air conditioning</b>	PME-3205	Introduction to refrigeration	<a href="https://www.youtube.com/watch?v=K5ptil2fe8s">https://www.youtube.com/watch?v=K5ptil2fe8s</a>
			Vapour Compression Refrigeration System	<a href="https://www.youtube.com/watch?v=gPOO7FUHw88">https://www.youtube.com/watch?v=gPOO7FUHw88</a>
			Basic Components of VCRS	<a href="https://www.youtube.com/watch?v=nx9dWcMcmUk">https://www.youtube.com/watch?v=nx9dWcMcmUk</a>
			Refrigerants	<a href="https://www.youtube.com/watch?v=0BOVDcMxlyY">https://www.youtube.com/watch?v=0BOVDcMxlyY</a>
			Vapour Absorption Refrigeration System	<a href="https://www.youtube.com/watch?v=AruGgf-R13A">https://www.youtube.com/watch?v=AruGgf-R13A</a>
			Psychrometry	<a href="https://www.youtube.com/watch?v=FNzGGvCKsOs">https://www.youtube.com/watch?v=FNzGGvCKsOs</a> <a href="https://www.youtube.com/watch?v=fsijELG5Ufo">https://www.youtube.com/watch?v=fsijELG5Ufo</a>
			Refrigeration Fittings, Tools, Charging & leak detection	<a href="https://www.youtube.com/watch?v=OVPfzvpX3EQ">https://www.youtube.com/watch?v=OVPfzvpX3EQ</a> <a href="https://www.youtube.com/watch?v=mZ-OLcvILCU">https://www.youtube.com/watch?v=mZ-OLcvILCU</a>
			Air conditioning system	<a href="https://www.youtube.com/watch?v=23VRLsVIX3E">https://www.youtube.com/watch?v=23VRLsVIX3E</a>
			Cooling Load estimation	<a href="https://www.youtube.com/watch?v=rTBoP8LbTJA">https://www.youtube.com/watch?v=rTBoP8LbTJA</a> <a href="https://www.youtube.com/watch?v=UysmXgc9d9s">https://www.youtube.com/watch?v=UysmXgc9d9s</a>
			Applications of RAC	<a href="https://www.youtube.com/watch?v=AfFF9u-mK2Y">https://www.youtube.com/watch?v=AfFF9u-mK2Y</a>

**Subject Name- Automobile Engineering**

<b>Code</b>	<b>Course Tittle</b>	<b>Paper Code</b>	<b>Topics</b>		<b>Links</b>
PME 3251	Automobile Engineering	PME 3251	Auto Engines	Introduction	<a href="https://www.youtube.com/watch?v=x5oGxwJzf2Q&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=1">https://www.youtube.com/watch?v=x5oGxwJzf2Q&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=1</a> <a href="https://www.youtube.com/watch?v=MLR2wbmjRQE&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=2">https://www.youtube.com/watch?v=MLR2wbmjRQE&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=2</a>
				IC ENGINES	<a href="https://www.youtube.com/watch?v=sRu-majrRmM&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=2">https://www.youtube.com/watch?v=sRu-majrRmM&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=2</a> <a href="https://www.youtube.com/watch?v=q-CfzNh99sQ&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=3">https://www.youtube.com/watch?v=q-CfzNh99sQ&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=3</a> <a href="https://www.youtube.com/watch?v=SU5VTGR2giY&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=4">https://www.youtube.com/watch?v=SU5VTGR2giY&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=4</a>
				Carburetor	<a href="https://www.youtube.com/watch?v=1I7jRI2dmgc&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=10">https://www.youtube.com/watch?v=1I7jRI2dmgc&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=10</a> <a href="https://www.youtube.com/watch?v=XT-DjBqkijU&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=11">https://www.youtube.com/watch?v=XT-DjBqkijU&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=11</a> <a href="https://www.youtube.com/watch?v=bxCDraWXm0Y&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=12">https://www.youtube.com/watch?v=bxCDraWXm0Y&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=12</a> <a href="https://www.youtube.com/watch?v=p-HCTZhCjl&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=13">https://www.youtube.com/watch?v=p-HCTZhCjl&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=13</a>
				Engine Cycles	<a href="https://www.youtube.com/watch?v=yCCcNI4VTfl&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=8">https://www.youtube.com/watch?v=yCCcNI4VTfl&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=8</a>
				Lubrication System	<a href="https://www.youtube.com/watch?v=VuIB-5MvdOs&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=18">https://www.youtube.com/watch?v=VuIB-5MvdOs&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=18</a> <a href="https://www.youtube.com/watch?v=glqE0DX3hcQ&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=19">https://www.youtube.com/watch?v=glqE0DX3hcQ&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=19</a>
				Cooling System	<a href="https://www.youtube.com/watch?v=vSJB5vEdTtk">https://www.youtube.com/watch?v=vSJB5vEdTtk</a> <a href="https://www.youtube.com/watch?v=6vkm5fbSscU">https://www.youtube.com/watch?v=6vkm5fbSscU</a>
			Auto Electric System	Car starting circuit	<a href="https://www.youtube.com/watch?v=TxrwPATb4nw">https://www.youtube.com/watch?v=TxrwPATb4nw</a>
				Charging System	<a href="https://www.youtube.com/watch?v=2_sZud7BI3U&amp;list=PLC53WshdV8in8NSgOeu8UDNQI_x1F1Ozi&amp;index=30&amp;t=0s">https://www.youtube.com/watch?v=2_sZud7BI3U&amp;list=PLC53WshdV8in8NSgOeu8UDNQI_x1F1Ozi&amp;index=30&amp;t=0s</a> <a href="https://www.youtube.com/watch?v=S9k0uyqVGVO">https://www.youtube.com/watch?v=S9k0uyqVGVO</a> <a href="https://www.youtube.com/watch?v=FpzIZq_wDL4">https://www.youtube.com/watch?v=FpzIZq_wDL4</a>

					<a href="https://www.youtube.com/watch?v=2OuyiyviEpl">https://www.youtube.com/watch?v=2OuyiyviEpl</a> <a href="https://www.youtube.com/watch?v=b94blBH9b6Y">https://www.youtube.com/watch?v=b94blBH9b6Y</a> <a href="https://www.youtube.com/watch?v=0gWJ8OqkpHM">https://www.youtube.com/watch?v=0gWJ8OqkpHM</a>
			Firing Order		<a href="https://www.youtube.com/watch?v=ss0GMKBYCks">https://www.youtube.com/watch?v=ss0GMKBYCks</a>
			Ignition System		<a href="https://www.youtube.com/watch?v=BJvzPRCYuPQ">https://www.youtube.com/watch?v=BJvzPRCYuPQ</a> <a href="https://www.youtube.com/watch?v=egDJxvg4FEo&amp;list=PLzCSUZGIUJka8nAlp7L8h">https://www.youtube.com/watch?v=egDJxvg4FEo&amp;list=PLzCSUZGIUJka8nAlp7L8h</a> <a href="https://www.youtube.com/watch?v=2IosZDDqctU&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=14">https://www.youtube.com/watch?v=2IosZDDqctU&amp;list=PLwdnzlV3ogoXHbVNKWL1BYOo_8PpyNtnC&amp;index=14</a> <a href="https://www.youtube.com/watch?v=z4xkPyQn_ZU">https://www.youtube.com/watch?v=z4xkPyQn_ZU</a>
			Car Starting System		<a href="https://www.youtube.com/watch?v=LaclcZjH_Cw&amp;t=58s">https://www.youtube.com/watch?v=LaclcZjH_Cw&amp;t=58s</a> <a href="https://www.youtube.com/watch?v=QiBOTa8K4vI">https://www.youtube.com/watch?v=QiBOTa8K4vI</a> <a href="https://www.youtube.com/watch?v=LaclcZjH_Cw">https://www.youtube.com/watch?v=LaclcZjH_Cw</a> <a href="https://www.youtube.com/watch?v=qsYJ7nVzAzw">https://www.youtube.com/watch?v=qsYJ7nVzAzw</a>
			Car Battery		<a href="https://www.youtube.com/watch?v=tBUN762tUts">https://www.youtube.com/watch?v=tBUN762tUts</a> <a href="https://www.youtube.com/watch?v=fV-bOK2V-Kw">https://www.youtube.com/watch?v=fV-bOK2V-Kw</a> <a href="https://www.youtube.com/watch?v=N_C9hFGnIlc">https://www.youtube.com/watch?v=N_C9hFGnIlc</a>
		Trans missio n System	Introduction		<a href="https://www.youtube.com/watch?v=g8IHX7gPm_4&amp;t=139s">https://www.youtube.com/watch?v=g8IHX7gPm_4&amp;t=139s</a>
			Clutch		<a href="https://www.youtube.com/watch?v=devo3kdSPQY">https://www.youtube.com/watch?v=devo3kdSPQY</a> <a href="https://www.youtube.com/watch?v=xWyX1mMdoic">https://www.youtube.com/watch?v=xWyX1mMdoic</a> <a href="https://www.youtube.com/watch?v=vujfLVYLWG0">https://www.youtube.com/watch?v=vujfLVYLWG0</a> <a href="https://www.youtube.com/watch?v=kak34XxRTMA&amp;list=PLC53WshdV8in8NSgOeu8UDNQI_x1F1Ozi&amp;index=14">https://www.youtube.com/watch?v=kak34XxRTMA&amp;list=PLC53WshdV8in8NSgOeu8UDNQI_x1F1Ozi&amp;index=14</a> <a href="https://www.youtube.com/watch?v=nFskxbMQSQg&amp;list=PLzCSUZGIUJka8nAlp7L8hl-40epZAENjb&amp;index=30&amp;t=0s">https://www.youtube.com/watch?v=nFskxbMQSQg&amp;list=PLzCSUZGIUJka8nAlp7L8hl-40epZAENjb&amp;index=30&amp;t=0s</a> <a href="https://www.youtube.com/watch?v=7ZX4AlFxVEE">https://www.youtube.com/watch?v=7ZX4AlFxVEE</a> <a href="https://www.youtube.com/watch?v=21Uv06t4Y-k&amp;list=PLSWRPBzGkib887Ttlm5Bouj_7Cpcgs9pv&amp;index=2">https://www.youtube.com/watch?v=21Uv06t4Y-k&amp;list=PLSWRPBzGkib887Ttlm5Bouj_7Cpcgs9pv&amp;index=2</a> <a href="https://www.youtube.com/watch?v=CAk_Jb2Azao&amp;list=PLSWRPBzGkib887Ttlm5Bouj_7Cpcgs9pv&amp;index=6">https://www.youtube.com/watch?v=CAk_Jb2Azao&amp;list=PLSWRPBzGkib887Ttlm5Bouj_7Cpcgs9pv&amp;index=6</a> <a href="https://www.youtube.com/watch?v=aRynNrSfpd0&amp;list=PLSWRPBzGkib887Ttlm5Bouj_7Cpcgs9pv&amp;index=3">https://www.youtube.com/watch?v=aRynNrSfpd0&amp;list=PLSWRPBzGkib887Ttlm5Bouj_7Cpcgs9pv&amp;index=3</a> <a href="https://www.youtube.com/watch?v=M6_X4QRI1Mk&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=11">https://www.youtube.com/watch?v=M6_X4QRI1Mk&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=11</a> <a href="https://www.youtube.com/watch?v=J1JvFq0uall&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=6">https://www.youtube.com/watch?v=J1JvFq0uall&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=6</a> <a href="https://www.youtube.com/watch?v=X0S4OPut6Ac&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=7">https://www.youtube.com/watch?v=X0S4OPut6Ac&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=7</a> <a href="https://www.youtube.com/watch?v=bLcdUsX6fkU&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=8">https://www.youtube.com/watch?v=bLcdUsX6fkU&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=8</a>

			Gear Box	<a href="https://www.youtube.com/watch?v=qQxTutps2Rk&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=3">https://www.youtube.com/watch?v=qQxTutps2Rk&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=3</a> <a href="https://www.youtube.com/watch?v=mAGco048SOE&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=4">https://www.youtube.com/watch?v=mAGco048SOE&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=4</a> <a href="https://www.youtube.com/watch?v=qNoyzUQ4rpo&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=5">https://www.youtube.com/watch?v=qNoyzUQ4rpo&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=5</a>
			Final Drive System	Propeller Shaft and Universal Joint <a href="https://www.youtube.com/watch?v=y8QaD8NJLxM">https://www.youtube.com/watch?v=y8QaD8NJLxM</a> <a href="https://www.youtube.com/watch?v=ffzGA5sXsNM&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=2">https://www.youtube.com/watch?v=ffzGA5sXsNM&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=2</a>
			Rear Axle and Differential	<a href="https://www.youtube.com/watch?v=38CbTy8GmY0">https://www.youtube.com/watch?v=38CbTy8GmY0</a> <a href="https://www.youtube.com/watch?v=LwHMyYHpALc&amp;t=129s">https://www.youtube.com/watch?v=LwHMyYHpALc&amp;t=129s</a> <a href="https://www.youtube.com/watch?v=MCKGTVLkgns">https://www.youtube.com/watch?v=MCKGTVLkgns</a> <a href="https://www.youtube.com/watch?v=WWVOUExk9vM">https://www.youtube.com/watch?v=WWVOUExk9vM</a> <a href="https://www.youtube.com/watch?v=ouB-E0pbYc&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=1">https://www.youtube.com/watch?v=ouB-E0pbYc&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=1</a>
		Braking System		<a href="https://www.slideshare.net/surajshandilya/braking-systems">https://www.slideshare.net/surajshandilya/braking-systems</a> <a href="https://learnmechanical.com/brake-system/">https://learnmechanical.com/brake-system/</a> <a href="https://www.mechanicalbooster.com/2018/06/types-of-braking-system.html">https://www.mechanicalbooster.com/2018/06/types-of-braking-system.html</a> <a href="https://www.youtube.com/watch?v=8tknwBILLvk&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=20">https://www.youtube.com/watch?v=8tknwBILLvk&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=20</a> <a href="https://www.youtube.com/watch?v=8U_af12RnnQ&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=22">https://www.youtube.com/watch?v=8U_af12RnnQ&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=22</a> <a href="https://www.youtube.com/watch?v=pVWch5049c0&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=23">https://www.youtube.com/watch?v=pVWch5049c0&amp;list=PLxUmNri4cRzD1ZTHIkvlon17RuphBxS5S&amp;index=23</a> <a href="https://www.youtube.com/watch?v=HDzYsQn4rIE&amp;list=PLC53WshdV8in8NSgOeu8UDNQI_x1F1Ozi&amp;index=25&amp;t=0s">https://www.youtube.com/watch?v=HDzYsQn4rIE&amp;list=PLC53WshdV8in8NSgOeu8UDNQI_x1F1Ozi&amp;index=25&amp;t=0s</a> <a href="https://www.youtube.com/watch?v=k5V4cSHkm0I">https://www.youtube.com/watch?v=k5V4cSHkm0I</a> <a href="https://www.youtube.com/watch?v=JmqfSGRvUA4">https://www.youtube.com/watch?v=JmqfSGRvUA4</a> <a href="https://www.youtube.com/watch?v=vTUTTpvy_zJs">https://www.youtube.com/watch?v=vTUTTpvy_zJs</a>
		Front Axle and Steering		<a href="https://www.youtube.com/watch?v=VrBeL9pp0lg">https://www.youtube.com/watch?v=VrBeL9pp0lg</a> <a href="https://www.youtube.com/watch?v=efNpQERObdw&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=7">https://www.youtube.com/watch?v=efNpQERObdw&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=7</a> <a href="https://www.youtube.com/watch?v=_ne8R262rgE&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=8">https://www.youtube.com/watch?v=_ne8R262rgE&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=8</a> <a href="https://www.youtube.com/watch?v=XHdygQxScQw&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=9">https://www.youtube.com/watch?v=XHdygQxScQw&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=9</a> <a href="https://www.youtube.com/watch?v=reIWbZ02Vvc&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=10">https://www.youtube.com/watch?v=reIWbZ02Vvc&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=10</a> <a href="https://www.youtube.com/watch?v=vRpOM1x0DxA&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=11">https://www.youtube.com/watch?v=vRpOM1x0DxA&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=11</a> <a href="https://www.youtube.com/watch?v=ZuBlfAFm310&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=15">https://www.youtube.com/watch?v=ZuBlfAFm310&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=15</a>

					<a href="https://www.youtube.com/watch?v=FeXZq_w9mZo">https://www.youtube.com/watch?v=FeXZq_w9mZo</a>
		Frame and Suspension	Frame		<a href="https://www.youtube.com/watch?v=A4Jk6rUcGMM&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=3">https://www.youtube.com/watch?v=A4Jk6rUcGMM&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=3</a> <a href="https://www.youtube.com/watch?v=w5QGuGw08Ho&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=4">https://www.youtube.com/watch?v=w5QGuGw08Ho&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=4</a> <a href="https://www.youtube.com/watch?v=vIxSdCOXXDc&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=5">https://www.youtube.com/watch?v=vIxSdCOXXDc&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=5</a> <a href="https://www.youtube.com/watch?v=3A_im5S75d0&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=6">https://www.youtube.com/watch?v=3A_im5S75d0&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=6</a> <a href="https://www.youtube.com/watch?v=l0kToZLtaOQ&amp;t=148s">https://www.youtube.com/watch?v=l0kToZLtaOQ&amp;t=148s</a>
			Suspension		<a href="https://www.youtube.com/watch?v=LLtd2QQw2DA&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=37">https://www.youtube.com/watch?v=LLtd2QQw2DA&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=37</a> <a href="https://www.youtube.com/watch?v=CUV8KKEUfco&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=38">https://www.youtube.com/watch?v=CUV8KKEUfco&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=38</a> <a href="https://www.youtube.com/watch?v=txnfFH4zIPM&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=39">https://www.youtube.com/watch?v=txnfFH4zIPM&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=39</a> <a href="https://www.youtube.com/watch?v=u-i-ISKFzCk&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=40">https://www.youtube.com/watch?v=u-i-ISKFzCk&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=40</a> <a href="https://www.youtube.com/watch?v=AfVXzsh6ZoE&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=42">https://www.youtube.com/watch?v=AfVXzsh6ZoE&amp;list=PLelAq9xzEDXBaKqVv4lwbdBLKwgYK4GRR&amp;index=42</a> <a href="https://www.youtube.com/watch?v=1IVjhvvmTEE">https://www.youtube.com/watch?v=1IVjhvvmTEE</a> <a href="https://www.youtube.com/watch?v=JQfLIEKvAjc">https://www.youtube.com/watch?v=JQfLIEKvAjc</a> <a href="https://www.youtube.com/watch?v=h2fsNPU1UUo">https://www.youtube.com/watch?v=h2fsNPU1UUo</a>

Subject Name- CAD CAM				
Code	Course Tittle	Paper Code	Topics	Links
3252	CAD CAM	3252	Introduction to CAD/CAM	<a href="https://www.youtube.com/watch?v=vO1lc75jtiM">https://www.youtube.com/watch?v=vO1lc75jtiM</a>
			Automation and its types	<a href="https://www.youtube.com/watch?v=7KR5r_O0W74">https://www.youtube.com/watch?v=7KR5r_O0W74</a>
			Design procedure	<a href="https://www.youtube.com/watch?v=kU18kIKzvg8">https://www.youtube.com/watch?v=kU18kIKzvg8</a>
			CAD procedure	<a href="https://www.youtube.com/watch?v=-BdAJECq6zw">https://www.youtube.com/watch?v=-BdAJECq6zw</a>
			Hardware of CAD/CAM System	<a href="https://www.youtube.com/watch?v=a8YUrSu99OE">https://www.youtube.com/watch?v=a8YUrSu99OE</a>
			Memory devices, input devices, display devices, output devices and storage devices	<a href="https://www.youtube.com/watch?v=-Dfc7kJjMps">https://www.youtube.com/watch?v=-Dfc7kJjMps</a> <a href="https://www.youtube.com/watch?v=J9jJ1Jv4ozE">https://www.youtube.com/watch?v=J9jJ1Jv4ozE</a> <a href="https://www.youtube.com/watch?v=ZpJPbPiSwwU">https://www.youtube.com/watch?v=ZpJPbPiSwwU</a>
			CNC controller	<a href="https://www.youtube.com/watch?v=SxINAMJdDRw">https://www.youtube.com/watch?v=SxINAMJdDRw</a>
			CNC components	<a href="https://www.youtube.com/watch?v=BetZXIX13k4">https://www.youtube.com/watch?v=BetZXIX13k4</a>
			Conveyers and robot units	<a href="https://www.youtube.com/watch?v=Ss54Ca1Ltio">https://www.youtube.com/watch?v=Ss54Ca1Ltio</a>
			Introduction to CAD software	<a href="https://www.youtube.com/watch?v=sMVe97gN9wo">https://www.youtube.com/watch?v=sMVe97gN9wo</a>
			2D transformation	<a href="https://www.youtube.com/watch?v=dp1Vr0odIM4">https://www.youtube.com/watch?v=dp1Vr0odIM4</a>
			3D Modeling: Wire frame and solid type	<a href="https://www.youtube.com/watch?v=8dPX_58-X2o">https://www.youtube.com/watch?v=8dPX_58-X2o</a> <a href="https://www.youtube.com/watch?v=TN9waino0f8">https://www.youtube.com/watch?v=TN9waino0f8</a>
			Introduction to Conventional Numerical Control	<a href="https://www.youtube.com/watch?v=h-chOBRWLX4">https://www.youtube.com/watch?v=h-chOBRWLX4</a>

		NC coordinate systems, fixed zero and floating zero,	<a href="https://www.youtube.com/watch?v=5ZwtQhaAFIU">https://www.youtube.com/watch?v=5ZwtQhaAFIU</a> <a href="https://www.youtube.com/watch?v=Dv2StimIM2Q">https://www.youtube.com/watch?v=Dv2StimIM2Q</a>
		Absolute and incremental positioning	<a href="https://www.youtube.com/watch?v=X5tLiNcRKUk">https://www.youtube.com/watch?v=X5tLiNcRKUk</a>
		Open and closed loop axis positioning systems	<a href="https://www.youtube.com/watch?v=HveeWxrCONY">https://www.youtube.com/watch?v=HveeWxrCONY</a> <a href="https://www.youtube.com/watch?v=TCR828Hb4tk">https://www.youtube.com/watch?v=TCR828Hb4tk</a>
		NC Part program and different codes used in it: N,G,M,F,S,T codes	<a href="https://www.youtube.com/watch?v=ZgWYoFWTKJc">https://www.youtube.com/watch?v=ZgWYoFWTKJc</a> <a href="https://www.youtube.com/watch?v=yO0Qz0ePGss">https://www.youtube.com/watch?v=yO0Qz0ePGss</a>
		Manual and Computer assisted part programming	<a href="https://www.youtube.com/watch?v=viUNH5iGIBA">https://www.youtube.com/watch?v=viUNH5iGIBA</a>
		Introduction to NC part programming languages like APT	<a href="https://www.youtube.com/watch?v=Ocx0kIMw7LQ">https://www.youtube.com/watch?v=Ocx0kIMw7LQ</a> <a href="https://www.youtube.com/watch?v=sJm1Nyb-AkE">https://www.youtube.com/watch?v=sJm1Nyb-AkE</a>
		Different type of computer controls : CNC, DNC and Adaptive	<a href="https://www.youtube.com/watch?v=DXLebzeUGeg">https://www.youtube.com/watch?v=DXLebzeUGeg</a> <a href="https://www.youtube.com/watch?v=RtQXIBGpDBs">https://www.youtube.com/watch?v=RtQXIBGpDBs</a> <a href="https://www.youtube.com/watch?v=TDpRn7jUIrM">https://www.youtube.com/watch?v=TDpRn7jUIrM</a>
		Introduction to NC Programming.	<a href="https://www.youtube.com/watch?v=ZgWYoFWTKJc">https://www.youtube.com/watch?v=ZgWYoFWTKJc</a>
		NC Control technology	<a href="https://www.youtube.com/watch?v=UDmNk_mkq48">https://www.youtube.com/watch?v=UDmNk_mkq48</a>
		General Configuration, functions, and advantage of CNC,straight and hybrid CNC	<a href="https://www.youtube.com/watch?v=XMYKAbJThOU">https://www.youtube.com/watch?v=XMYKAbJThOU</a> <a href="https://www.youtube.com/watch?v=RtQXIBGpDBs">https://www.youtube.com/watch?v=RtQXIBGpDBs</a> <a href="https://www.youtube.com/watch?v=nYrlN2Ee-pg">https://www.youtube.com/watch?v=nYrlN2Ee-pg</a>
		General Configuration, types, functions, of DNC, BTR	<a href="https://www.youtube.com/watch?v=hbW3W-N7azQ">https://www.youtube.com/watch?v=hbW3W-N7azQ</a> <a href="https://www.youtube.com/watch?v=DXLebzeUGeg">https://www.youtube.com/watch?v=DXLebzeUGeg</a> <a href="https://www.youtube.com/watch?v=hCsD8WAoqks">https://www.youtube.com/watch?v=hCsD8WAoqks</a>

			adaptive control, ACC and ACO systems		<a href="https://www.youtube.com/watch?v=SWenNccN6NU">https://www.youtube.com/watch?v=SWenNccN6NU</a> <a href="https://www.youtube.com/watch?v=l87ssy0Fegl">https://www.youtube.com/watch?v=l87ssy0Fegl</a>
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Subject Name- Power Plant Engineering					
Code	Course Tittle	Paper Code	Topics		Links
PME-3261	Power Plant Engineering	PME-3261	Steam Power Plant		<a href="https://www.youtube.com/watch?v=A0q2JGDnWBk">https://www.youtube.com/watch?v=A0q2JGDnWBk</a>
			Steam Generators		<a href="https://www.youtube.com/watch?v=-eYXVYvIAc4">https://www.youtube.com/watch?v=-eYXVYvIAc4</a>
			Steam Prime mover		<a href="https://www.youtube.com/watch?v=NMiyAydlt3E">https://www.youtube.com/watch?v=NMiyAydlt3E</a>
			Condensing Unit		<a href="https://www.youtube.com/watch?v=4otyoH21mo4">https://www.youtube.com/watch?v=4otyoH21mo4</a>
			Steam Power Station Control and Safety		<a href="https://www.youtube.com/watch?v=jVFuljZJero">https://www.youtube.com/watch?v=jVFuljZJero</a>
			Nuclear Power Stations		<a href="https://www.youtube.com/watch?v=E_tHU31OwrQ">https://www.youtube.com/watch?v=E_tHU31OwrQ</a>
			Diesel Power Plants		<a href="https://www.youtube.com/watch?v=nAXhKfKa9_A">https://www.youtube.com/watch?v=nAXhKfKa9_A</a>
			Gas Turbine Powers Plants		<a href="https://www.youtube.com/watch?v=uc3oroLbCVo">https://www.youtube.com/watch?v=uc3oroLbCVo</a>
			Hydro Electric Plants		<a href="https://www.youtube.com/watch?v=cuPGyBZcr00">https://www.youtube.com/watch?v=cuPGyBZcr00</a>