










## Department of Mechanical Engineering

### Infrastructure Details


Sl. No.	Lab Names	Photos	Description
1	Foundry and Forging Laboratory	 <a href="https://photos.app.goo.gl/6zRkD5vGWcuHwJL39">https://photos.app.goo.gl/6zRkD5vGWcuHwJL39</a>  <a href="https://lh3.googleusercontent.com/Y3FK2tx4j3oWVDW1kT7tjuyBeA-2Q-2ONdnK_eSHKx-7_aBUKfPvCYTZedpumJC8MBUaRxZ8ASdGBln_3gwaR40YoLsaFM0MiqqxeVqlh2rP2_dQXiG1MZNLIpjbuwV9NI-xMNS0w=w2400">https://lh3.googleusercontent.com/Y3FK2tx4j3oWVDW1kT7tjuyBeA-2Q-2ONdnK_eSHKx-7_aBUKfPvCYTZedpumJC8MBUaRxZ8ASdGBln_3gwaR40YoLsaFM0MiqqxeVqlh2rP2_dQXiG1MZNLIpjbuwV9NI-xMNS0w=w2400</a>  File Name - ME_F & F Lab 1   <a href="https://photos.app.goo.gl/1exkZY74cpDgRmxh7">https://photos.app.goo.gl/1exkZY74cpDgRmxh7</a>  <a href="https://lh3.googleusercontent.com/0ELPamQaS_uXds6ZP9yA986nt9H3Uv8F52s0wqt9cJiGIywtIa-5dFCzNLQWvgwrVYqdzZT0tn4Ocyj8jdA1f6qFKNpzCQLS5sGzoOMjIIXgOnZ_LsePlSKIzPB4a8GAj-gjWm27Q=w2400">https://lh3.googleusercontent.com/0ELPamQaS_uXds6ZP9yA986nt9H3Uv8F52s0wqt9cJiGIywtIa-5dFCzNLQWvgwrVYqdzZT0tn4Ocyj8jdA1f6qFKNpzCQLS5sGzoOMjIIXgOnZ_LsePlSKIzPB4a8GAj-gjWm27Q=w2400</a>  File Name - ME_F & F Lab 2	<p>The Foundry and Forging Laboratory aims to;</p> <ul style="list-style-type: none"> <li>• Provide an insight into different sand preparation and foundry equipment.</li> <li>• Provide an insight into different forging tools and equipment and arc welding tools and equipment.</li> <li>• Provide training to students to enhance their practical skills in welding, forging and hand moulding.</li> <li>• Practically demonstrate precautions to be taken during casting, hot working and welding operations.</li> </ul> <p><b>Major Equipment:</b> Universal Sand Testing Machine, Permeability Tester, Moisture Content Tester, Mould Hardness Tester, Core Hardness Tester, Sand Rammer, Muffle Furnace, Green Sand, Sand Baker, Sand Miller (5kg capacity)</p>


2	Materials Testing Laboratory	 <p><a href="https://photos.app.goo.gl/imFUHXcmRrUwrtG67">https://photos.app.goo.gl/imFUHXcmRrUwrtG67</a></p> <p><a href="https://lh3.googleusercontent.com/uNe8yIxG-wzXIgsVi7pEanVVDutLffadPhgjsqj8QYrAIBWlwyo1mnnvFG8RAIsMoLXEt_z9o2Dn0ggh2qoFfW110Ynou99NaVWW8Lr4wyEYqZbRBIFuR-atOydjNDRpB3fJjh2Ujg=w2400">https://lh3.googleusercontent.com/uNe8yIxG-wzXIgsVi7pEanVVDutLffadPhgjsqj8QYrAIBWlwyo1mnnvFG8RAIsMoLXEt_z9o2Dn0ggh2qoFfW110Ynou99NaVWW8Lr4wyEYqZbRBIFuR-atOydjNDRpB3fJjh2Ujg=w2400</a></p> <p>File Name - ME_MT Lab 1</p>  <p><a href="https://photos.app.goo.gl/nf7fBgY78quFuiMf8">https://photos.app.goo.gl/nf7fBgY78quFuiMf8</a></p> <p><a href="https://lh3.googleusercontent.com/2OrLue27DDkHYOQ1y_nMgrwUqeC8iZZ1PDaezMkhPpKFKmJR48R34YxSngtk40RGXvKGps0SGayy65P4tPbnOUX0aRPxZAtj7uv-2GnWag_KfBy-DdEpZ6s6eYcPXextlnmthEqNCQ=w2400">https://lh3.googleusercontent.com/2OrLue27DDkHYOQ1y_nMgrwUqeC8iZZ1PDaezMkhPpKFKmJR48R34YxSngtk40RGXvKGps0SGayy65P4tPbnOUX0aRPxZAtj7uv-2GnWag_KfBy-DdEpZ6s6eYcPXextlnmthEqNCQ=w2400</a></p> <p>File Name - ME_MT Lab 2</p>	<p>The Materials Testing Laboratory aims to;</p> <ul style="list-style-type: none"> <li>· Teach the concept of the preparation of samples to perform characterization such as microstructure, Volume fraction of phases and grain size.</li> <li>· Teach mechanical behaviour of various engineering materials by conducting standard tests.</li> <li>· Teach material failure modes and the different loads causing failure.</li> <li>· Teach &amp; demonstrate the concepts of improving the mechanical properties of materials by different methods like Heat treatment, surface treatment etc.</li> </ul> <p><b>Major Equipment:</b> Torsion Testing Machine with Bending attachments, Izod And Charpy Test (Impact Testing Machine) with attachments, Brinell/ Rockwell Hardness Testing Machine with Standard attachments, Vickers Hardness Test Machine with standard attachments, Double Disc Polishing Machine with DC Motor, Metallurgical Specimen, Muffle Furnace (6x6x12)</p>
3	Workshop	 <p><a href="https://photos.app.goo.gl/6HczU5Xgc7uz21Cy9">https://photos.app.goo.gl/6HczU5Xgc7uz21Cy9</a></p>	<p>The Workshop aims to;</p> <ul style="list-style-type: none"> <li>● Provide skills about the use of fitting tools to perform fitting operations.</li> <li>· Train into fitting operations to enrich their practical skills.</li> <li>· Inculcate team qualities and expose students to shop floor activities.</li> <li>· Educate students about ethical, environmental and safety standards.</li> </ul>




		<a href="https://lh3.googleusercontent.com/ObcUJmtu7dMnggOakN9e4yifU15lkshhJS7vAujeqvPEA8afUAjUoxWhhU5RnVgmffSeZGIvgaSg2abKJdgiSO3Xe9SxIOLR173ehqZaBg8hjMW5Bv_Cp1CTNsFQgKtvpEoxTLe7w=w2400">https://lh3.googleusercontent.com/ObcUJmtu7dMnggOakN9e4yifU15lkshhJS7vAujeqvPEA8afUAjUoxWhhU5RnVgmffSeZGIvgaSg2abKJdgiSO3Xe9SxIOLR173ehqZaBg8hjMW5Bv_Cp1CTNsFQgKtvpEoxTLe7w=w2400</a>	<b>Major Equipment:</b> Power Hack saw Machine, AC Arc Welder Winner, Bench Grinder 8", Bench Vice 6" Smith Make, Bench Vice 6", Anvil 50 kg, Angle Plate 4", V-Block 4"
4	Heat Transfer Laboratory	 <a href="https://photos.app.goo.gl/3D6byULyyQACS87g9">https://photos.app.goo.gl/3D6byULyyQACS87g9</a> <a href="https://lh3.googleusercontent.com/1m5mMc_mDWRnTYFQpgcWAQXa98XeuNnMJLdrzSQQOAVRtu9KpIM0EzIYtOlumEU8DJE_dNzDhmuK2T3KIFxqlq_QkTmFi2wb9J894k_InfxFY_1CRBGZOxpCungtsZJ0hJtq0CUOVhw=w2400">https://lh3.googleusercontent.com/1m5mMc_mDWRnTYFQpgcWAQXa98XeuNnMJLdrzSQQOAVRtu9KpIM0EzIYtOlumEU8DJE_dNzDhmuK2T3KIFxqlq_QkTmFi2wb9J894k_InfxFY_1CRBGZOxpCungtsZJ0hJtq0CUOVhw=w2400</a>	<p>The Heat Transfer Laboratory aims to;</p> <ul style="list-style-type: none"> <li>· Primarily provide the fundamental knowledge necessary to understand the behavior of thermal systems.</li> <li>· Provide a detailed experimental analysis, including the application and heat transfer through solids, fluids, and vacuum.</li> <li>· Teach Convection, conduction, and radiation heat transfer in one and two dimensional steady and unsteady systems.</li> </ul> <p><b>Major Equipment:</b> Thermal Conductivity of Metal Rod, Composite Walls, Pin Fin Apparatus, Natural Free Convection Forced Convection (Flow Through Pipes), Emissivity of Surface, Stefan-Boltzmann Constant, Parallel Flow &amp; Counter Flow, Boiling of Liquid &amp; Condensation of Vapour, Refrigeration, Transient Heat Conduction</p>
5	Computer Aided Drafting, Modeling, Analysis and Simulation Laboratory	 <a href="https://photos.app.goo.gl/2u3Kq1J28gfC5GGu5">https://photos.app.goo.gl/2u3Kq1J28gfC5GGu5</a> <a href="https://lh3.googleusercontent.com/XAEVoD9LpEIRM8BRp4m-pdRoFKibLYYifOFE2B8s-aZQdGcmHJkeqA-OGlnWaMIQkiJDMPH7IEpnA">https://lh3.googleusercontent.com/XAEVoD9LpEIRM8BRp4m-pdRoFKibLYYifOFE2B8s-aZQdGcmHJkeqA-OGlnWaMIQkiJDMPH7IEpnA</a>	<p>The Computer Aided Drafting, Modeling, Analysis and Simulation Laboratory aims to;</p> <ul style="list-style-type: none"> <li>● Train the students in computer aided mechanical drafting, modeling, analysis and simulations, using industry grade software like Solid Edge, Ansys and Vero Edgecam.</li> </ul>



		<a href="https://www.researchgate.net/publication/351111111">RNH6Q8-o1vOPN5GwwY0v8MS-dNOBjQP1UovJgizhsZ4MMW7w05zWdDfHn0Q5A=w2400</a>	<ul style="list-style-type: none"> <li>● Provide practical exposure to the students in the concepts like, Geometric Dimensioning &amp; Tolerancing (GD &amp; T), analysis of mechanical, thermal stresses &amp; strains on machine components, CNC coding, and simulating the machining of various mechanical components within the software environment with different variables.</li> </ul> <p><b>Major Equipment:</b></p> <p><b>1) Computer Desktop (15 No.s)</b></p> <p>Intel Core i5 4440/8GB Transcend DDR3 RAM/1TB Seagate Hard Disk/Cabinet/SMPS/Dell LED 21.5” 2240L Monitor</p> <p><b>2) Computer Desktop (15 No.s)</b></p> <p>Make: HP, Model: Pro G1 MT/8GB DDR4 RAM/1TB HDD SATA 7200RPM/18.5” Monitor/USB Keyboard/USB Mouse/DOS/3 Years Warranty</p> <p><b>Software Details:</b></p> <p>1) Vero Edgecam Software Educational Keyless Network License 2018 R1 (20 No.s)</p> <p>2) Solid Edge ST-6 Academic Perpetual-License (60 No.s)</p> <p>3) ANSYS Academic Teaching Mechanical Version 18.0 (25 No.s)</p>
		<p>File Name - ME_Lab 8</p>	



6	Machine Shop	 <p><a href="https://photos.app.goo.gl/rdasDbybvNBZFC7F9">https://photos.app.goo.gl/rdasDbybvNBZFC7F9</a></p> <p><a href="https://lh3.googleusercontent.com/H5YXF65OF_HmYBCyG BYcPrqvkv4OMXWWowjdpGv0cnPWc5Ag8MERhDxZN_2PCgcO1ncm7AmNJYSfGc5o_AZ7rhDbJLWfw72oVdahUh7R9qmsdQVzQa8GvKYOqFSi1hA2HkvffHshhg=w2400">https://lh3.googleusercontent.com/H5YXF65OF_HmYBCyG BYcPrqvkv4OMXWWowjdpGv0cnPWc5Ag8MERhDxZN_2PCgcO1ncm7AmNJYSfGc5o_AZ7rhDbJLWfw72oVdahUh7R9qmsdQVzQa8GvKYOqFSi1hA2HkvffHshhg=w2400</a></p> <p>File Name – ME_MS 2</p>  <p><a href="https://photos.app.goo.gl/i6Mx5BLr8utbjW5T8">https://photos.app.goo.gl/i6Mx5BLr8utbjW5T8</a></p> <p><a href="https://lh3.googleusercontent.com/H5YXF65OF_HmYBCyG BYcPrqvkv4OMXWWowjdpGv0cnPWc5Ag8MERhDxZN_2PCgcO1ncm7AmNJYSfGc5o_AZ7rhDbJLWfw72oVdahUh7R9qmsdQVzQa8GvKYOqFSi1hA2HkvffHshhg=w2400">https://lh3.googleusercontent.com/H5YXF65OF_HmYBCyG BYcPrqvkv4OMXWWowjdpGv0cnPWc5Ag8MERhDxZN_2PCgcO1ncm7AmNJYSfGc5o_AZ7rhDbJLWfw72oVdahUh7R9qmsdQVzQa8GvKYOqFSi1hA2HkvffHshhg=w2400</a></p> <p>File Name – ME_MS 9</p>	<p>The Machine Shop aims to;</p> <ul style="list-style-type: none"> <li>· Provide an insight to different machine tools, accessories and attachments.</li> <li>· Train into machining operations to enrich their practical skills.</li> <li>· Inculcate team qualities and expose students to shop floor activities.</li> <li>· Educate students about ethical, environmental and safety standards.</li> </ul> <p><b>Major Equipment:</b> Lathe Machine (10 No.s), Universal Horizontal Milling Machine, Shaper Machine, Radial Drilling Machine, Bench Grinder, Power Hacksaw Machine</p>
7	Mechanical Measurements & Metrology Laboratory		<p>The Mechanical Measurements &amp; Metrology Laboratory aims to;</p> <ul style="list-style-type: none"> <li>● Illustrate the theoretical concepts taught in Mechanical Measurements &amp; Metrology through experiments.</li> <li>· Illustrate the use of various measuring tools &amp; measuring techniques.</li> </ul>

		<p><a href="https://photos.app.goo.gl/Jp1StUurggM1jjqO9">https://photos.app.goo.gl/Jp1StUurggM1jjqO9</a></p> <p><a href="https://lh3.googleusercontent.com/gwsKZvBI0JMYRdGRibFc mX_hkywpngcOn7Gh0LCfWk NU4TFBMUsKNifUT0rbami WZiIRlh-EvOfFweQCO6zH_S3NstYYx_GRIQZSLJOHpAIECLn6_nO0leIkmmprn8LcXAQpS15-g=w2400">https://lh3.googleusercontent.com/gwsKZvBI0JMYRdGRibFc mX_hkywpngcOn7Gh0LCfWk NU4TFBMUsKNifUT0rbami WZiIRlh-EvOfFweQCO6zH_S3NstYYx_GRIQZSLJOHpAIECLn6_nO0leIkmmprn8LcXAQpS15-g=w2400</a></p>	<p>· Teach the calibration techniques of various measuring devices.</p> <p><b>Major Equipment:</b> Profile Projector, Vision plus Vertical Type Profile Projector, Three wire set with accessories, Sine Bar (0 – 200 mm), Sine Centre (0 – 200 mm), Gear Tooth Vernier (0 – 25 mm), Gear Tooth Micrometer (0 – 25 mm), Calibration of LVDT, Strain Gauge, Autocollimator, Lathe Tool Dynamometer, Slip Gauges, Optical Flats, Pitch Gauge, Digimatic Micrometer, Granite Surface Plate, Dead-Weight Pressure Gauge</p>
	<p>File Name – ME_MMM LAB 1</p>		
8	<p>Energy Conversion Laboratory</p>	 <p><a href="https://photos.app.goo.gl/iNRzXxgDGFAzgLov7">https://photos.app.goo.gl/iNRzXxgDGFAzgLov7</a></p> <p><a href="https://lh3.googleusercontent.com/4JJdvqfC3NZEJckJx7HVE74ZKbvJE-X7C7VUnYP2np4D1N3usSoj_cLOG6h6OgJAhyPdh8weL5r0j_55DShN15nEs8AfBFve4w4-o5rd9Aqd6aB-vgqssOpzNRe3ZOPl6uDskhQbjQ=w2400">https://lh3.googleusercontent.com/4JJdvqfC3NZEJckJx7HVE74ZKbvJE-X7C7VUnYP2np4D1N3usSoj_cLOG6h6OgJAhyPdh8weL5r0j_55DShN15nEs8AfBFve4w4-o5rd9Aqd6aB-vgqssOpzNRe3ZOPl6uDskhQbjQ=w2400</a></p>	<p>The Energy Conversion Laboratory aims to;</p> <p>· Provide a basic understanding of fuel properties and its measurements using various types of measuring devices. · Teach energy conversion principles, analysis and understanding of I C Engines, and also demonstrate application of these concepts for these machines. Students will be able to carry out performance analysis using characteristic curves.</p> <p>· Exhaust emissions of I C Engines will be measured and compared with the standards.</p> <p><b>Major Equipment:</b> Valve Timing Study, Port Timing Study, Bomb Calorimeter, Boy's Gas Calorimeter, 4 - Stroke Single Cylinder Diesel Engine, 4 - Stroke Single Cylinder Petrol Engine, 4 - Stroke Single Cylinder Diesel Engine with VCR, 2 - Stroke Single Cylinder Diesel Engine, 4 - Stroke Single Cylinder Diesel Engine with 1100 cc</p>
		<p>File Name – ENERGY LAB 1</p>	

9	Design Laboratory	 <p><a href="https://photos.app.goo.gl/21Vm5fHcFDFGwLkc8">https://photos.app.goo.gl/21Vm5fHcFDFGwLkc8</a></p> <p><a href="https://lh3.googleusercontent.com/Piv-D0XV3GFaWsOwO4LgJt-Fy1npSpKjg4XFwiiDhY3wKE6okn0tJqp3KS6kqgnPUllraINmE9kgU6MyftKBAH974d6mNOmx7MJWH1aQoCJZ1JQ9S Ujf01s9yQzzyS0Q1KN3vpaFBw=w2400">https://lh3.googleusercontent.com/Piv-D0XV3GFaWsOwO4LgJt-Fy1npSpKjg4XFwiiDhY3wKE6okn0tJqp3KS6kqgnPUllraINmE9kgU6MyftKBAH974d6mNOmx7MJWH1aQoCJZ1JQ9S Ujf01s9yQzzyS0Q1KN3vpaFBw=w2400</a></p> <p>File Name – DESIGN LAB 1</p>  <p><a href="https://photos.app.goo.gl/24Tp1uFkHHtW2Bwh9">https://photos.app.goo.gl/24Tp1uFkHHtW2Bwh9</a></p> <p><a href="https://lh3.googleusercontent.com/uFh-q932SP8sEPI39RuduqEBuj5RUvQY7LRnURRzXa-yPJ9ZXFLhtrK3mhiGL13WsvCyqVe3BTmhYG4ZbRXXKdzCJyuu_-NDXGo1-tALyvprZED3fMQqbYhRdT11UzjasD97-JxeQw=w2400">https://lh3.googleusercontent.com/uFh-q932SP8sEPI39RuduqEBuj5RUvQY7LRnURRzXa-yPJ9ZXFLhtrK3mhiGL13WsvCyqVe3BTmhYG4ZbRXXKdzCJyuu_-NDXGo1-tALyvprZED3fMQqbYhRdT11UzjasD97-JxeQw=w2400</a></p> <p>File Name – DESIGN LAB 5</p>	<p>The Design Laboratory aims to;</p> <ul style="list-style-type: none"> <li>· Teach the concepts of natural frequency, logarithmic decrement, damping and damping ratio.</li> <li>· Teach the techniques of balancing of rotating masses.</li> <li>· Teach the concept of the critical speed of a rotating shaft.</li> <li>· To illustrate the concept of stress concentration using Photo elasticity.</li> <li>· Teach the concepts of equilibrium speed, sensitiveness, power and effort of a Governor.</li> <li>· Illustrate the principles of pressure development in oil film of a hydrodynamic journal bearing.</li> </ul> <p><b>Major Equipment:</b> Photoelastic Bench, Journal Bearing, Vibration Equipment, Balancing of Rotating Masses, Universal Governor, Whirling of Shaft, Gyroscope, Rosset Strain Gauge, Stress on Curved Beam</p>
11	Fluid Mechanics Laboratory		<p>The Fluid Mechanics Laboratory aims to;</p> <ul style="list-style-type: none"> <li>· Provide a basic understanding of flow measurements using various types of flow measuring devices, calibration and losses associated with these devices.</li> </ul>

		<p><a href="https://photos.app.goo.gl/e3RGiTAWG7CJyNxJ9">https://photos.app.goo.gl/e3RGiTAWG7CJyNxJ9</a></p> <p><a href="https://lh3.googleusercontent.com/N8GtNRiN4vdPhZNK_3TR7296vdoh512ElbDupREY_laJIdiC0nA6qxA2ty_9JV30b-cA0CO4FKfuqIXh8xF0PBjSva0rIRNbVZSwHv_Idp_IHN3j5IP7frJ_ikqgB3t6UIQnMmWcg=w2400">https://lh3.googleusercontent.com/N8GtNRiN4vdPhZNK_3TR7296vdoh512ElbDupREY_laJIdiC0nA6qxA2ty_9JV30b-cA0CO4FKfuqIXh8xF0PBjSva0rIRNbVZSwHv_Idp_IHN3j5IP7frJ_ikqgB3t6UIQnMmWcg=w2400</a></p>	<p>· Teach energy conversion principles, analysis and understanding of hydraulic turbines and pumps, and also demonstrate application of these concepts for these machines. Students will be able to carry out performance analysis using characteristic curves.</p>
		<p>FM LAB 1</p>	<p><b>Major Equipment:</b> Minor &amp; Major Losses, Impact of Jet on Vanes, Orifice , Nozzle, Venturimeter, V- Notch, Pelton Wheel Turbine, Francis Turbine, Kaplan Turbine, Centrifugal Pump (Single Stage), Centrifugal Pump (Multi Stage), Reciprocating Pump, Air Compressor, Air Blower, Bernoullis Theorem Apparatus, Calibration of Collecting Tank, Dead-Weight Pressure Gauge</p>
			
		<p><a href="https://photos.app.goo.gl/Szc4ZVxQzJBjCaxx6">https://photos.app.goo.gl/Szc4ZVxQzJBjCaxx6</a></p> <p><a href="https://lh3.googleusercontent.com/Pu8wFVWoiNJBbkwnb4z9f6SZcc0ZhgJTjVnvC3UDM4vj7oYBd-pONhvj1VdLwI2t27aZbjJR8FQ1crbh4a-Uv0qEkstQODVbJMAa05C3DCsaajbWEmfl_pe7WJUOK66y3f2KMibkYA=w2400">https://lh3.googleusercontent.com/Pu8wFVWoiNJBbkwnb4z9f6SZcc0ZhgJTjVnvC3UDM4vj7oYBd-pONhvj1VdLwI2t27aZbjJR8FQ1crbh4a-Uv0qEkstQODVbJMAa05C3DCsaajbWEmfl_pe7WJUOK66y3f2KMibkYA=w2400</a></p>	
		<p>FM LAB 2</p>	
<p>12</p>	<p>BVVS AIEMS Toyota Centre of Excellence</p>	<p></p> <p><a href="https://photos.app.goo.gl/Szc4ZVxQzJBjCaxx6">https://photos.app.goo.gl/Szc4ZVxQzJBjCaxx6</a></p> <p><a href="https://lh3.googleusercontent.com/Pu8wFVWoiNJBbkwnb4z9f6SZcc0ZhgJTjVnvC3UDM4vj7oYBd-pONhvj1VdLwI2t27aZbjJR8FQ1crbh4a-Uv0qEkstQODVbJMAa05C3DCsaajbWEmfl_pe7WJUOK66y3f2KMibkYA=w2400">https://lh3.googleusercontent.com/Pu8wFVWoiNJBbkwnb4z9f6SZcc0ZhgJTjVnvC3UDM4vj7oYBd-pONhvj1VdLwI2t27aZbjJR8FQ1crbh4a-Uv0qEkstQODVbJMAa05C3DCsaajbWEmfl_pe7WJUOK66y3f2KMibkYA=w2400</a></p> <p>File Name - TOYOTA COE 1</p>	<p>The BVVS AIEMS Toyota Centre of Excellence aims to;</p> <ul style="list-style-type: none"> <li>● Impart technical skills pertaining to working of an IC Engine, maintenance, troubleshooting etc., to meet the needs of automobile industry in providing skilled trainees.</li> </ul> <p><b>Major Equipment:</b> Toyota Innova Crysta Engine, Toyota Etios Drive Assembly</p>





<https://photos.app.goo.gl/ZRRDT6cG6gZBp3Lt6>

[https://lh3.googleusercontent.com/piUbpPDrHxujfBjPEbFdmEA3JzV7g5yw2lVT5e4PKNKFEP-rf5nZF2nDXZ-Zre5IBXw\\_TBTu\\_DtN1i-PJH8IBw4SWcW4yjV4C8X-yHxAcQQJN6\\_9oL5O1BCDARV1SxSA10jp\\_oZiHg=w2400](https://lh3.googleusercontent.com/piUbpPDrHxujfBjPEbFdmEA3JzV7g5yw2lVT5e4PKNKFEP-rf5nZF2nDXZ-Zre5IBXw_TBTu_DtN1i-PJH8IBw4SWcW4yjV4C8X-yHxAcQQJN6_9oL5O1BCDARV1SxSA10jp_oZiHg=w2400)

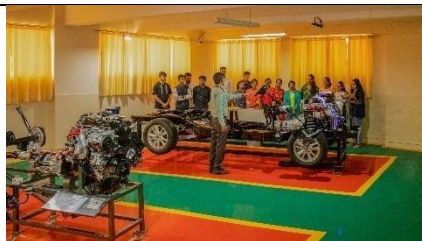
File Name - TOYOTA COE 2



<https://photos.app.goo.gl/kGt47zN71sMuUDUL6>

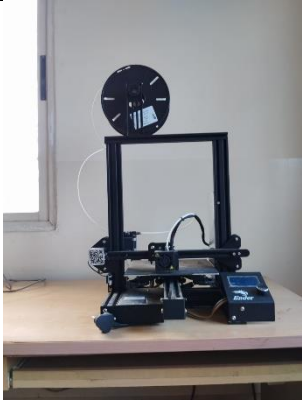


[https://lh3.googleusercontent.com/ph0-rKP46gFfdyqFSJEb7flnFGdIJZ4YFzj1grd4KWAP-md\\_dPYztuBeiJ1EzTWzr\\_LJK8iB9RaQGaeFpJZTUljQdCANtI6GnRrw59HqMIOuFGTn0SUTTd7irys8FeVTBbSUchg5aQ=w2400](https://lh3.googleusercontent.com/ph0-rKP46gFfdyqFSJEb7flnFGdIJZ4YFzj1grd4KWAP-md_dPYztuBeiJ1EzTWzr_LJK8iB9RaQGaeFpJZTUljQdCANtI6GnRrw59HqMIOuFGTn0SUTTd7irys8FeVTBbSUchg5aQ=w2400)



File Name - ME\_TOYOTA  
COE 3




<https://photos.app.goo.gl/NMdExjet3tZkFqNz6>

<https://lh3.googleusercontent.com/JOdaPbaRrZMWyZqmZQbuLMz8TsoOHmsrqNMzq0D3Lv33s1aFmxFunNxmcX8c0mayX->

		<p><a href="https://drive.google.com/file/d/4pa7B7ZHaf5xczrL2GWLDKu0PdOCxWatXJDhbVU95tEC0E92Azi3fqm2spIY5kcYfwJIQGA=w2400">4pa7B7ZHaf5xczrL2GWLDKu0PdOCxWatXJDhbVU95tEC0E92Azi3fqm2spIY5kcYfwJIQGA=w2400</a></p> <p>File Name - ME_TOYOTA COE 4</p>	
13	3D Printing Machine	 <p><a href="https://drive.google.com/file/d/1iHA6l_9ER6x9YoNPQDv1awKeuQtPLbee/view?usp=drive_link">https://drive.google.com/file/d/1iHA6l_9ER6x9YoNPQDv1awKeuQtPLbee/view?usp=drive_link</a></p> <p>File Name – 3D Printer</p>	<p>The 3D printing machine is aimed at:</p> <ul style="list-style-type: none"> <li>• Providing exposure and enhance the knowledge and skills of the students in the operation and use of 3D Printers and the relevant CAD/CAM software.</li> </ul>
14	Smart Classroom	 <p><a href="https://photos.app.goo.gl/5VLpRVWKgPoJb9bM7">https://photos.app.goo.gl/5VLpRVWKgPoJb9bM7</a></p> <p><a href="https://lh3.googleusercontent.com/UBkbrbXd81gJcE6opnhjh0ZPmainzrIJ5bqIMuwlhXcxxM-ZmPQNdTnZiRU40a_6gJv7BoMq7ykDYLxJQjyFYBNlj1EcM-Wf9mdYgl3cj6dzXSlcjcpxloG4Um6ZDJFR8IVlzqfEAg=w2400">https://lh3.googleusercontent.com/UBkbrbXd81gJcE6opnhjh0ZPmainzrIJ5bqIMuwlhXcxxM-ZmPQNdTnZiRU40a_6gJv7BoMq7ykDYLxJQjyFYBNlj1EcM-Wf9mdYgl3cj6dzXSlcjcpxloG4Um6ZDJFR8IVlzqfEAg=w2400</a></p> <p>File Name – ME_SMART CLASS 1</p> 	<p>Well-furnished smart classroom with computer, projector, smart board and internet connection for advanced teaching-learning</p>

		<p><a href="https://photos.app.goo.gl/Qb93r9TsvGE8vPs9">https://photos.app.goo.gl/Qb93r9TsvGE8vPs9</a></p> <p><a href="https://lh3.googleusercontent.com/tiXWafTSnn8UGE6GewAzixhXsMhRtOtMkn7Up54qGtpHX1QLfHbdo0vCN6AgulHinUZM6wMo7cJmc32Rzg9Rrpo3HV07jipl-eRqT-SJ6-ugt1XZXv-5bE3e1n_o2xjebbFYy35ZiA=w2400">https://lh3.googleusercontent.com/tiXWafTSnn8UGE6GewAzixhXsMhRtOtMkn7Up54qGtpHX1QLfHbdo0vCN6AgulHinUZM6wMo7cJmc32Rzg9Rrpo3HV07jipl-eRqT-SJ6-ugt1XZXv-5bE3e1n_o2xjebbFYy35ZiA=w2400</a></p> <p>File Name – ME_SMART CLASS 3</p>	
15	Classroom	 <p><a href="https://photos.app.goo.gl/NGgYU3bmRRiGXrSi6">https://photos.app.goo.gl/NGgYU3bmRRiGXrSi6</a></p> <p><a href="https://lh3.googleusercontent.com/DVYg4rR_JWOqSsoPIISTd3lbUOgZa_QRzO88aE3JHwp_eq3kpfjfbse-aUayQgnGI0DGF4M2nGSYIRX3UDE0ivQXgm7cMB5ZW7oAWc_Bt6xmnLyU8pRmHopsUKXP4DnDALFFLvUQ=w2400">https://lh3.googleusercontent.com/DVYg4rR_JWOqSsoPIISTd3lbUOgZa_QRzO88aE3JHwp_eq3kpfjfbse-aUayQgnGI0DGF4M2nGSYIRX3UDE0ivQXgm7cMB5ZW7oAWc_Bt6xmnLyU8pRmHopsUKXP4DnDALFFLvUQ=w2400</a></p> <p>File Name – ME_CLASSROOM 3</p>  <p><a href="https://photos.app.goo.gl/CkGjufCgiUy4VtQk8">https://photos.app.goo.gl/CkGjufCgiUy4VtQk8</a></p> <p><a href="https://lh3.googleusercontent.com/9DQp9XQc9S_RmENgozKal67zGDvtYYYcL3kJvljEE-TwH36fB8DaHQM-3BM6MvoFL7bw_Yvhoe4QKyJoiDYWEp1KBc0J8_HXHxK">https://lh3.googleusercontent.com/9DQp9XQc9S_RmENgozKal67zGDvtYYYcL3kJvljEE-TwH36fB8DaHQM-3BM6MvoFL7bw_Yvhoe4QKyJoiDYWEp1KBc0J8_HXHxK</a></p>	<p>The department has spacious class rooms with adequate seating capacity. Each class room is provided with Computer system, LCD Projector with screen facility for Audio/ Visual purpose. In addition, Green glass board and Podium are provided in each class rooms.</p>

		<a href="https://photos.app.goo.gl/JEy8AthuWZtFh8se9">BryNvJ32BxHQ6l2HXgN1pb0 HLksfr_btpddbScw=w2400</a>	
		File Name – ME_CLASSROOM 6	
16	Department Library	 <a href="https://photos.app.goo.gl/JEy8AthuWZtFh8se9">https://photos.app.goo.gl/JEy8AthuWZtFh8se9</a> <a href="https://lh3.googleusercontent.com/NfESXkthR9VMvACKHhsS1hb4Hn4QuVWwS56ywiSacoY_ahN-Xv1cLhiVnhTHkZV_PFMmOg8nwQpzMQqGxOKUwjF0Bzh5tYemFrvb2rbQhrQ4vpvaXrN5uhtBIJhGBGFwJ1F2bg=w2400">https://lh3.googleusercontent.com/NfESXkthR9VMvACKHhsS1hb4Hn4QuVWwS56ywiSacoY_ahN-Xv1cLhiVnhTHkZV_PFMmOg8nwQpzMQqGxOKUwjF0Bzh5tYemFrvb2rbQhrQ4vpvaXrN5uhtBIJhGBGFwJ1F2bg=w2400</a> File Name – ME_DEPT LIB 1	<p>The department has well maintained library with more than 450 books. The previous year's project reports and synopsis are also made available in the department library. Laboratory Manuals, Journals / Magazines, e – journals access, handouts, conference proceedings are made available in the Department Library. Library is kept open from 9:00 AM to 4:15 PM on all working days (Mon-Fri), and 9:00 AM to 1:00 PM on (Saturday).</p>