

DTE Code : ENG315



NAAC Accredited

AICTE ID : 1-8019451  
MSHE Code : C-11165

HOLY-WOOD ACADEMY'S  
**SANJEEVAN**

GROUP OF INSTITUTIONS, PANHALA

Sanjeevan Knowledge City, Somwar Path-Iijole, Panhala, Tal. Panhala, Dist. Kolhapur.  
Pin - 416 201 (Maharashtra) Phone : 9146999500

Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra, DTE, DOA  
Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad  
Affiliated to Shivaji University, Kolhapur, MSBTE, Mumbai.

**Department of Mechanical Engineering**

Sr. No	Number of Laboratory	Area in sq. Ft.	Name of the Equipment	Year of Purchase	Amount in Rs.
1	Thermodynamics	861	Flash Point Apparatus	2010	6999
			Drop Point Of Grease	2010	1459
			Cloud & Pour Point Apparatus	2010	4566
			Redwood Viscometer	2010	9888
			Aniline Apparatus	2010	5377
			Model Of Lancashire Boiler	2010	15556
			Stop Valve Hopkinson Type	2010	3889
			Feed Check Valve	2010	3999
			Pressure Gauge (Large Size)	2010	3456
			Fusible Plugs	2010	2889
			Green Economiser	2010	7999
			Sudden Super Heater	2010	6667
			Separating & Throttling Calorimeter	2010	35667
			Electrical Baby Boiler For Above	2010	22345
			Test On Carbon Residue Apparatus	2012	22253
			Grease Penetrometer Test App.	2012	16353
2	Fluid Mechanics	1660	Wind Tunnel	2010	342562
			Reynolds Apparatus	2010	26425
			Heleshaw Apparatus	2010	8999
			Bernoullis Therom Apparatus	2010	33455
			Calibration Of Venturimeter	2010	29999
			Calibration Of Orificemeter	2010	29999
			Apparatus For Determination The Coefficient Of Discharge Of Diff. Notches	2010	33347
			Apparatus For Determination Losses In Pipe Lines Due To Sudden Enlargement Contraction Bends & Elbow	2010	32288
			Multi Column Inclined Tube Manometer	2010	46677
			Digital Anemometer	2010	9999
			Digital Lift & Drag Indicator	2010	45000
			Precision Vernier Height Gauge With	2010	27899
			Aerofoil Wooden Model	2010	15567
			Circular Cylinder Wooden Model	2010	16666
			Wooden Sphere Model	2010	17889
			Rotating Circular Model	2010	28889
Pipes In Parallel	2010	33567			
Pipes In Series	2010	33699			
Pipe Friction Apparatus	2010	32636			
3	Mechatronics	941	PLC Programming Trainer Kit	2012	119000
			PLC Based Pick & Place Robotic Application Module	2012	136000
			Characteristics Of Temperature Sensor Setup	2012	21250
			Pressure Transducer/ Transmitter Module	2012	20400
			Air Compressor	2012	14025
			Hydraulic Trainer Kit	2012	85000
			Electro Pneumatic Trainer Kit	2011	100000
			PLC Based Pneumatic Trainer Kit	2011	200000
PC Based Hydraulic Trainer Kit	2011	281250			

*[Signature]*  
Head of Department

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PRINCIPAL

Mechanical Engineering (Degree)  
Sanjeevan Group of Institutions,  
Somwar Peth - Panhala, Dist-Kolhapur, 416201

Sanjeevan Group Of Institutions  
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Dist. Kolhapur - 416 201 (M.S.)

DTE Code : EN6315



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AICTE ID : 1-8019451  
AISHE Code : C-11163
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4	Manufacturing Process	846	Rapid Moisture Tester.	2010	6600
			Clay Washer	2010	9900
			Sieve Shaker With Sieve Set.	2010	26900
			Universal Sand Strength Machine (Pendulum)	2010	39500
			Mold Hardness Tester 'B' Scale.	2010	4950
			Compatibility Tester.	2010	2050
			Base Block.	2010	3900
			Tube Filler Accessory	2010	2300
			Permeability Meter.	2010	14950
			Sand Rammer.	2010	9900
			Rapid Dryer	2010	4800
			Sensitive Balance	2010	8200
			Sand Muller - 2 Kg.	2010	27519
5	Metallurgy	855	Abrasive Belt Grinder- Dry Type	2010	24425
			Double Disc Polishing Machine	2010	66778
			Desiccator	2010	7889
			Standard Metallurgical Microstructure Set	2010	22889
			Binocular Metallurgical Microscope	2010	49999
			Magnetic Particle Crack Detector	2011	75000
			Optional Accessory Of Red Penetrate Kit	2011	2500
			Red Dye Penetrate Kit	2011	3000
			Desiccator	2011	4000
			Binocular Metallurgical Microscope	2011	27000
			Trinocular Microscope With Computerized Attachment 15 X Eyepiece (2 No's) Micrometer Eyepiece & Grain Size Eyepiece	2011	91800
			15X Eyepiece (2 No's)	2011	3000
			Micrometer Eyepiece	2011	2000
			Grain Size Eyepiece	2011	2000
			Metallurgical Microstructure Set	2011	12600
			Muffle Furnace & Jominy Quench Bath	2011	75000
			6	Metrology and Quality control	855
Standard Glass Specimen & Optical Flat	2011	16000			
Slip Gauge Box 83 Pcs Mitutoyo Make	2011	53000			
Vernier Height Gauge 300mm Mitutoyo Make	2011	16000			
Digital Vernier Caliper 200mm Mitutoyo Make	2011	11600			
Vernier Caliper 200mm Mitutoyo Make	2011	4900			
Sine Bar 300mm /Straight Edge	2011	13800			
Micrometer 0-25 Mm Mitutoyo Make	2011	3200			
Micrometer 25-50 Mm Mitutoyo Make	2011	4700			
Dial Indicator With Stand 0.01mm	2011	7500			
Sine Center 200mm GG Make	2011	11500			
V Block Magnetic 100x80x80mm	2011	27000			
Mechanical Comparator	2011	13500			
Surface Plate Granite 630x630mm With Stand	2011	31500			
Inside Micrometer Make 25.50mm Jaw Type	2011	18900			
Vernier Depth Gauge 200mm Mitutoyo Make	2011	2750			
Inside & Outside Caliper	2011	1400			
Bevel Protector Mitutoyo Make	2011	27000			
Optical Profile Projector	2011	27000			

  
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NAAC ID : 1-8019431  
AISSE Code : C-1165

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7	Heat Transfer	855	Thermal Conductivity Of Insulating Powder	2011	27000
			Thermal Conductivity Of Metal Rod	2011	24000
			Natural Conventional Apparatus	2011	24000
			Emissivity Apparatus	2011	24300
			Stefan Boltzmann's Apparatus	2011	22100
			Composite Walls Apparatus	2011	27000
			Force Convection Apparatus	2011	28300
			Concentric Tube Heat Exchanger	2011	21000
8	Computerized Numerical Control	216	CNC Turning Machine With Siemens Control With All Standard Accessories	2013	1125228
			Tooling Package For MAXRURN PLUS	2013	40000
			Servo Controlled Voltage Stabilizer 15 KVA Cap 3	2013	30222
9	Theory of Machines	846	Plate Clutch	2010	6999
			Multi Plate Clutch	2010	7999
			Single Shoe Brake	2010	6666
			Band Brake	2010	6666
			Band & Block Brake	2010	6666
			Internally Expanding Brake	2010	6789
			Disc Brake Model	2010	4899
			Vibration Lab Equipment	2011	64600
			Whirling Of Shafts Apparatus	2011	19000
			Static & Dynamic Balancing Apparatus	2011	16625
			Universal Governor Apparatus	2011	19950
			Motorized Gyroscope	2011	17812
			Double Hook Joint	2011	6175
Trifler Suspension	2011	8550			
10	Computer Aided Drafting (CAD)	852.5	Dell Precision Tower (40 No's)	2010	25,60,000
			Autodesk Inventor Software	2011	52395
			Catia Software	2010	500000
			Solid Works And CAM Works	2009	300000
			Ansys 14	2014	280000
FFT Analyser	2015	1040558			

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