M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

2.3.1. Students centring methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

INDEX

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

1. METHODOLOGY OF STUDENT CENTRIC TEACHING- LEARNING

A. EXPERIENTIAL LEARNING

- Laboratory Experiments
- Internships/In-plant Training
- Industrial visit / Field visit
- Projects

B. PARTICIPATIVE LEARNING

- Guest lectures/Value Added Courses
- Workshops
- Seminars / Role play
- Symposia
- Competitions

C. PROBLEM SOLVING METHODOLOGIES

- Quiz / Puzzles/Competitions
- Case studies

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
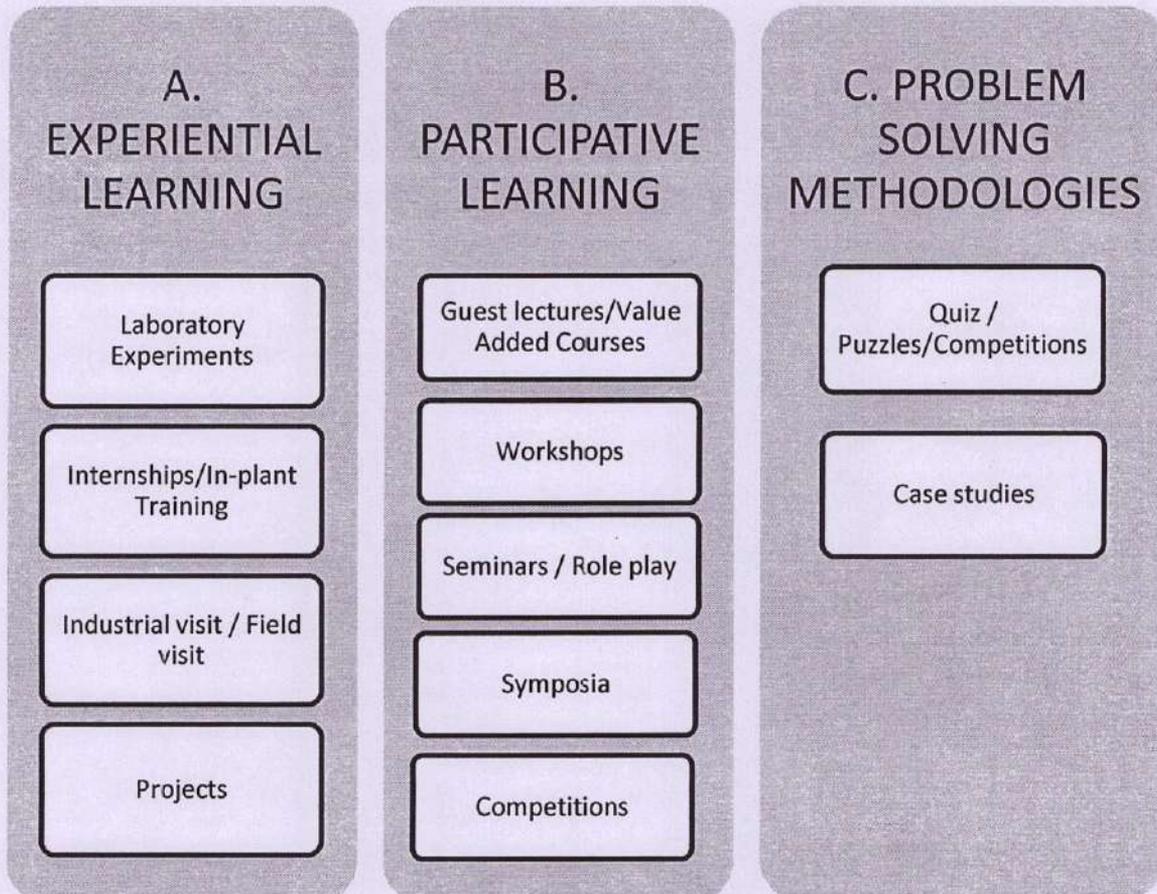GUNDUR, TIRUCHIRAPPALLI-620 007.

1

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

2. EXPERIENTIAL LEARNING:

2.1 LABORATORY EXPERIMENTS

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S. NO	LAB NAME	LIST OF EXPERIMENTS
1	**ELECTRONICS LABORATORY**	1. Characteristics of Semiconductor diode and Zener diode. 2. Characteristics of a NPN Transistor under common emitter, common collector and common base configurations. 3. Characteristics of JFET and draw the equivalent circuit. 4. Characteristics of UJT and generation of saw tooth waveforms. 5. Design and Frequency response characteristics of a Common Emitter amplifier. 6. Characteristics of photo diode & photo transistor, Study of light activated relay circuit. 7. Design and testing of RC phase shift and LC oscillators. 8. Single Phase half-wave and full wave rectifiers with inductive and capacitive filters. 9. Differential amplifiers using FET. 10. Study of CRO for frequency and phase measurements.
2	**ELECTRICAL MACHINES LABORATORY- I**	1. Open circuit and load characteristics of DC shunt generator-critical resistance and critical speed. 2. Load characteristics of DC compound generator with differential and cumulative connections. 3. Load test on DC shunt motor. 4. Load test on DC compound motor. 5. Load test on DC series motor. 6. Swinburne's test and speed control of DC shunt motor. 7. Hopkinson's test on DC motor – generator set. 8. Load test on single-phase transformer and three phase Transformers. 9. Open circuit and short circuit tests on single phase transformer. 10. Sumpner's test on single phase transformers. 11. Separation of no-load losses in single phase transformer. 12. Study of starters and 3-phase transformers connections.

2

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

3	ELECTRICAL MACHINES LABORATORY- II	1. Regulation of three phase alternator by EMF and MMF methods. 2. Regulation of three phase alternator by ZPF and ASA methods. 3. Regulation of three phase salient pole alternator by slip test. 4. Measurements of negative sequence and zero sequence impedance of alternators. 5. V and Inverted V curves of Three Phase Synchronous Motor. 6. Load test on three-phase induction motor. 7. No load and blocked rotor tests on three-phase induction motor (Determination of equivalent circuit parameters). 8. Separation of No-load losses of three-phase induction motor. 9. Load test on single-phase induction motor. 10. No load and blocked rotor test on single-phase induction motor. 11. Study of Induction motor Starters
4	LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	1. Implementation of Boolean Functions, Adder and Subtractor circuits. 2. Code converters: Excess-3 to BCD and Binary to Gray code converter and vice-versa 3. Parity generator and parity checking 4. Encoders and Decoders 5. Counters: Design and implementation of 3-bit modulo counters as synchronous and Asynchronous types using FF IC's and specific counter IC. 6. Shift Registers: Design and implementation of 4-bit shift registers in SISO, SIPO, PISO, PIPO modes using suitability IC's. 7. Study of multiplexer and de multiplexer 8. Timer IC application: Study of NE/SE 555 timer in Astability, Monostability operation. 9. Application of Op-Amp: inverting and non-inverting amplifier, Adder, comparator, Integrator and Differentiator. 10. Voltage to frequency characteristics of NE/ SE 566 IC. 11. Variability Voltage Regulator using IC LM317.
5	CONTROL AND INSTRUMEN TATION LABORATORY	CONTROLSYSTEMS: 1. P, PI and PID controllers 2. Stability Analysis 3. Modeling of Systems – Machines, Sensors and Transducers 4. Design of Lag, Lead and Lag-Lead Compensators 5. Position Control Systems

3

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

		6. Synchro-Transmitter- Receiver and Characteristics
		7. Simulation of Control Systems by Mathematical development tools.
		INSTRUMENTATION:
		8. Bridge Networks –AC and DC Bridges
		9. Dynamics of Sensors/Transducers
		  (a) Temperature (b) pressure (c) Displacement (d) Optical
		  (e) Strain (f) Flow
		10. Power and Energy Measurement
		11. Signal Conditioning
		  a. Instrumentation Amplifier
		  b. Analog – Digital and Digital –Analog converters (ADC and DACs)
		12. Process Simulation

6	**OBJECT ORIENTED PROGRAMMING LABORATORY**	1. Develop a Java application to generate Electricity bill. Create a class with the following members: Consumer no., consumer name, previous month reading, current month reading, type of EB connection (i.e domestic or commercial). Compute the bill amount using the following tariff. If the type of the EB connection is domestic, calculate the amount to be paid as follows:
		  • First 100 units - Rs. 1 per unit
		  • 101-200 units - Rs. 2.50 per unit
		  • 201 -500 units - Rs. 4 per unit
		  • 501 units - Rs. 6 per unit
		2. If the type of the EB connection is commercial, calculate the amount to be paid as follows:
		  • First 100 units - Rs. 2 per unit
		  • 101-200 units - Rs. 4.50 per unit
		  • 201 -500 units - Rs. 6 per unit
		  • 501 units - Rs. 7 per unit
		3. Develop a java application to implement currency converter (Dollar to INR, EURO to INR, Yen to INR and vice versa), distance converter (meter to KM, miles to KM and vice versa), time converter (hours to minutes, seconds and vice versa) using packages.
		4. Develop a java application with Employee class with Emp_name, Emp_id, Address, Mail_id, Mobile_no as Members. Inherit the classes, Programmer, Assistant Professor,

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

Associate Professor and Professor from employee class. Add Basic Pay (BP) as the member of all the inherited classes with 97% of BP as DA, 10 % of BP as HRA, 12% of BP as PF, 0.1% of BP for staff club fund. Generate pay slips for the employees with their gross and net salary.

5. Design a Java interface for ADT Stack. Implement this interface using array. Provide necessary exception handling in both the implementations.

6. Write a program to perform string operations using ArrayList. Write functions for the following
   - Append - add at end
   - Insert – add at particular index
   - Search
   - List all string starts with given letter

7. Write a Java Program to create an abstract class named Shape that contains two integers and an empty method named print Area(). Provide three classes named Rectangle, Triangle and Circle such that each one of the classes extends the class Shape. Each one of the classes contains only the method print Area () that prints the area of the given shape.

8. Write a Java program to implement user defined exception handling.

9. Write a Java program that reads a file name from the user, displays information about whether the file exists, whether the file is readable, or writable, the type of file and the length of the file in bytes.

10. Write a java program that implements a multi-threaded application that has three threads. First thread generates a random integer every 1 second and if the value is even, second thread computes the square of the number and prints. If the value is odd, the third thread will print the value of cube of the number.

11. Write a java program to find the maximum value from the given type of elements using a generic function.

12. Design a calculator using event-driven programming paradigm of Java with the following options.
    - Decimal manipulations
    - Scientific manipulations

13. Develop a mini project for any application using Java concepts.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

7	POWER ELECTRONICS AND DRIVES LABORATORY	1. Gate Pulse Generation using R, RC and UJT. 2. Characteristics of SCR and TRIAC 3. Characteristics of MOSFET and IGBT 4. AC to DC half controlled converter 5. AC to DC fully controlled Converter 6. Step down and step up MOSFET based choppers 7. IGBT based single phase PWM inverter 8. IGBT based three phase PWM inverter 9. AC Voltage controller 10. Switched mode power converter. 11. Simulation of PE circuits (1Φ & 3Φ semi converters, 1Φ & 3Φ full converters, DC-DC converters, AC voltage controllers). 12. Characteristics of GTO & IGCT. 13. Characteristics of PMBLDC motor
8	MICRO PROCESSORS AND MICRO CONTROLLERS LABORATORY	1. Simple arithmetic operations: addition / subtraction / multiplication / division. 2. Programming with control instructions: • Ascending / Descending order, Maximum / Minimum of numbers. • Programs using Rotate instructions. • Hex / ASCII / BCD code conversions. 3. Interface Experiments: with 8085 • A/D Interfacing. & D/A Interfacing. 4. Traffic light controller. 5. I/O Port / Serial communication 6. Programming Practices with Simulators/Emulators/open source 7. Read a key, interface display 8. Demonstration of basic instructions with 8051 Micro controller execution, including: • Conditional jumps & looping • Calling subroutines. 9. Programming I/O Port and timer of 8051 • Study on interface with A/D & D/A • Study on interface with DC & AC motors 10. Application hardware development using embedded processors.
9	POWER SYSTEM SIMULATION LABORATORY	1. Computation of Transmission Line Parameters 2. Formation of Bus Admittance and Impedance Matrices and Solution of Networks 3. Power Flow Analysis using Gauss-Seidel Method

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

		4. Power Flow Analysis using Newton Raphson Method
		5. Symmetric and unsymmetrical fault analysis
		6. Transient stability analysis of SMIB System
		7. Economic Dispatch in Power Systems
		8. Load – Frequency Dynamics of Single- Area and Two-Area Power Systems
		9. State estimation: Weighted least square estimation
		10. Electromagnetic Transients in Power Systems : Transmission Line Energization
10	**RENEWABLE ENERGY SYSTEMS LABORATORY**	1. Simulation study on Solar PV Energy System.
		2. Experiment on "VI-Characteristics and Efficiency of 1kWp Solar PV System".
		3. Experiment on "Shadowing effect & diode based solution in 1kWp Solar PV System".
		4. Experiment on Performance assessment of Grid connected and Standalone 1kWp Solar Power System.
		5. Simulation study on Wind Energy Generator.
		6. Experiment on Performance assessment of micro Wind Energy Generator.
		7. Simulation study on Hybrid (Solar-Wind) Power System.
		8. Experiment on Performance Assessment of Hybrid (Solar-Wind) Power System.
		9. Simulation study on Hydel Power.
		10. Experiment on Performance Assessment of 100W Fuel Cell.
		11. Simulation study on Intelligent Controllers for Hybrid Systems.

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

Control System Laboratory

Power Electronics Laboratory

8

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

Power System Simulation Laboratory

Electrical Machines Laboratory

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

DEPARTMENT OF MECHANICAL ENGINEERING

S.NO	LAB NAME	LIST OF EXPERIMENTS
1	MANUFACTURING TECHNOLOGY LABORATORY – I	Machining and Machining time estimations for: 1. Taper Turning 2. External Thread cutting 3. Internal Thread Cutting 4. Eccentric Turning 5. Knurling 6. Square Head Shaping 7. Hexagonal Head Shaping 8. Fabrication of simple structural shapes using Gas Metal Arc Welding 9. Joining of plates and pipes using Gas Metal Arc Welding/ Arc Welding /Submerged arc welding 10. Preparation of green sand moulds 11 Manufacturing of simple sheet metal components using shearing and bending operations. 12. Manufacturing of sheet metal components using metal spinning on a lathe
2	ELECTRICAL ENGINEERING LABORATORY	1. Load test on DC Shunt & DC Series motor 2. O.C.C & Load characteristics of DC Shunt and DC Series generator 3. Speed control of DC shunt motor (Armature, Field control) 4. Load test on single phase transformer 5. O.C & S.C Test on a single phase transformer 6. Regulation of an alternator by EMF & MMF methods. 7. V curves and inverted V curves of synchronous Motor 8. Load test on three phase squirrel cage Induction motor 9. Speed control of three phase slip ring Induction Motor 10. Study of DC & AC Starters
3	MANUFACTURING TECHNOLOGY LABORATORY – II	1. Contour milling using vertical milling machine 2. Spur gear cutting in milling machine 3. Helical Gear Cutting in milling machine 4. Gear generation in hobbing machine 5. Gear generation in gear shaping machine 6. Plain Surface grinding

PRINCIPAL
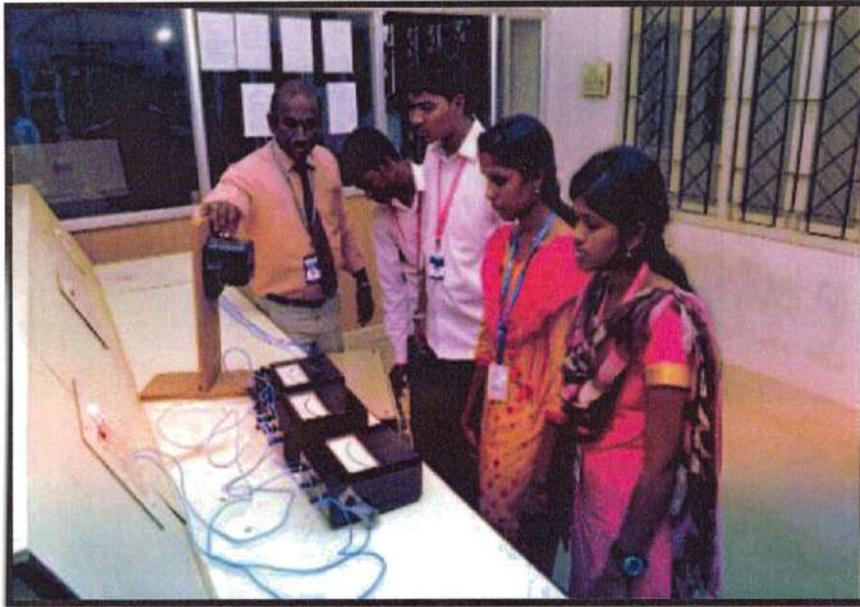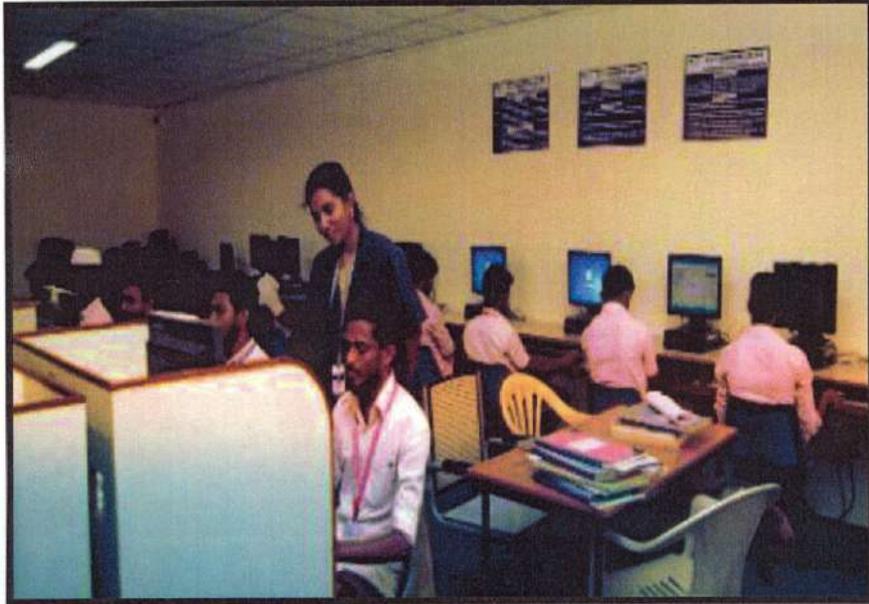M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.
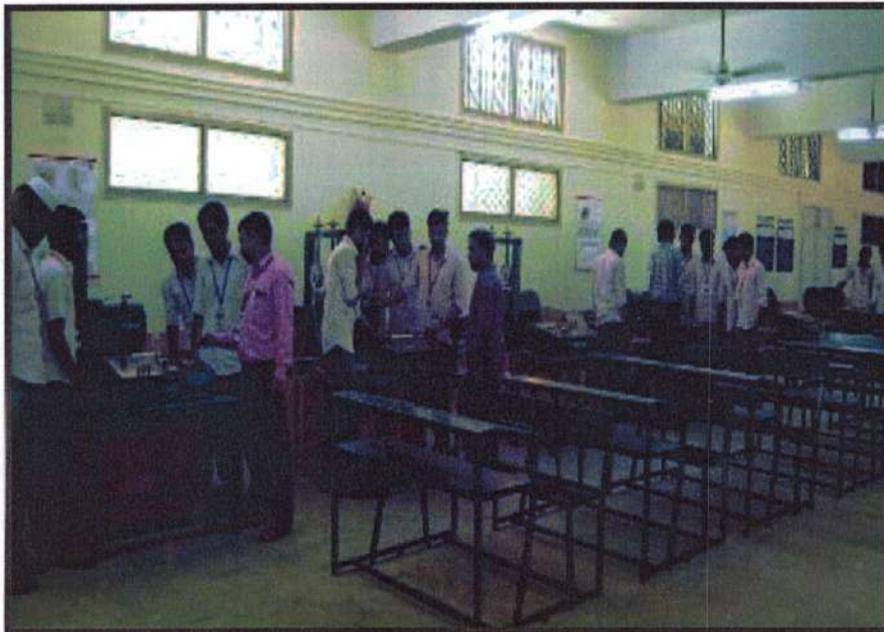
M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

		7. Cylindrical grinding
		8. Tool angle grinding with tool and Cutter Grinder
		9. Measurement of cutting forces in Milling / Turning Process
		10. CNC Part Programming
4	**STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY**	1. Tension test on a mild steel rod
		2. Double shear test on Mild steel and Aluminium rods
		3. Torsion test on mild steel rod
		4. Impact test on metal specimen
		5. Hardness test on metals - Brinnell and Rockwell Hardness Number
		6. Deflection test on beams
		7. Compression test on helical springs
		8. Strain Measurement using Rosette strain gauge
		9. Effect of hardening- Improvement in hardness and impact resistance of steels.
		10. Tempering- Improvement Mechanical properties Comparison
		(i) Unhardened specimen
		(ii) Quenched Specimen and
		(iii) Quenched and tempered specimen.
		11. Microscopic Examination of
		(i) Hardened samples and
		(ii) Hardened and tempered samples
5	**KINEMATICS AND DYNAMICS LABORATORY**	1. a) Study of gear parameters. b) Experimental study of velocity ratios of simple, compound, Epicyclic and differential gear trains.
		2. a)Kinematics of Four Bar, Slider Crank, Crank Rocker, Double crank, Double rocker, Oscillating cylinder Mechanisms. b) Kinematics of single and double universal joints.
		3. a) Determination of Mass moment of inertia of Fly wheel and Axle system. b)Determination of Mass Moment of Inertia of axisymmetric bodies using Turn Table apparatus. c) Determination of Mass Moment of Inertia using bifilar suspension and compound pendulum.
		4. Motorized gyroscope – Study of gyroscopic effect and couple.

11

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

		5. Governor - Determination of range sensitivity, effort etc., for Watts, Porter, Proell, and Hartnell Governors.
		6. Cams – Cam profile drawing, Motion curves and study of jump phenomenon
		7. a) Single degree of freedom Spring Mass System – Determination of natural Frequency and verification of Laws of springs – Damping coefficient determination.
		b) Multi degree freedom suspension system – Determination of influence coefficient.
		8. a) Determination of torsional natural frequency of single and Double Rotor systems.- Undamped and Damped Natural frequencies.
		b) Vibration Absorber – Tuned vibration absorber.
		9. Vibration of Equivalent Spring mass system – undamped and damped vibration.
		10. Whirling of shafts – Determination of critical speeds of shafts with concentrated loads.
		11. a) Balancing of rotating masses.
		b) Balancing of reciprocating masses.
		12. a) Transverse vibration of Free-Free beam – with and without concentrated masses.
		b) Forced Vibration of Cantilever beam – Mode shapes and natural frequencies.
		c) Determination of transmissibility ratio using vibrating table.
6	**THERMAL ENGINEERING LABORATORY**	**ENGINE LAB**
		1. Valve Timing and Port Timing diagrams.
		2. Actual p-v diagrams of IC engines.
		3. Performance Test on 4 – stroke Diesel Engine.
		4. Heat Balance Test on 4 – stroke Diesel Engine.
		5. Morse Test on Multi-cylinder Petrol Engine.
		6. Retardation Test on a Diesel Engine.
		7. Determination of Flash Point and Fire Point of various fuels / lubricants.
		STEAM LAB
		1. Study on Steam Generators and Turbines.
		2. Performance and Energy Balance Test on a Steam Generator.

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

		3. Performance and Energy Balance Test on Steam Turbine.
		HEAT TRANSFER LAB:
		1. Thermal conductivity measurement using guarded plate apparatus.
		2. Thermal conductivity measurement of pipe insulation using lagged pipe apparatus.
		3. Determination of heat transfer coefficient under natural convection from a vertical cylinder.
		4. Determination of heat transfer coefficient under forced convection from a tube.
		5. Determination of Thermal conductivity of composite wall.
		6. Determination of Thermal conductivity of insulating powder.
		7. Heat transfer from pin-fin apparatus (natural & forced convection modes)
		8. Determination of Stefan – Boltzmann constant.
		9. Determination of emissivity of a grey surface.
		10. Effectiveness of Parallel / counter flow heat exchanger.
		REFRIGERATION AND AIR CONDITIONING LAB
		1. Determination of COP of a refrigeration system
		2. Experiments on Psychrometric processes
		3. Performance test on a reciprocating air compressor
		4. Performance test in a HC Refrigeration System
		5. Performance test in a fluidized Bed Cooling Tower
7	**METROLOGY AND MEASUREMENTS LABORATORY**	1. Calibration and use of measuring instruments – Vernier caliper, micrometer, Vernier height gauge – using gauge blocks
		2. Calibration and use of measuring instruments – depth micrometer, bore gauge, telescopic gauge
		3. Measurement of linear dimensions using Comparators
		4. Measurement of angles using bevel protractor and sine bar
		5. Measurement of screw thread parameters – Screw thread Micrometers and Three wire method '(floating carriage micrometer)
		6. Measurement of gear parameters – disc micrometers, gear tooth vernier caliper
		7. Measurement of features in a prismatic component using

13

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

		Coordinate Measuring Machine (CMM)
		8. Programming of CNC Coordinate Measuring Machines for repeated measurements of identical components
		9. Non-contact (Optical) measurement using Toolmaker's microscope / Profile projector and Video measurement system
		10. Measurement of Surface finish in components manufactured using various processes (turning, milling, grinding, etc.,) using stylus based instruments.
		11. Machine tool metrology – Level tests using precision level; Testing of straightness of a machine tool guide way using Autocollimator, spindle tests.
		12. Measurement of force, torque and temperature
8	CAD / CAM LABORATORY	1. Introduction of 3D Modelling software
		2. Flange Coupling
		3. Plummer Block
		4. Screw Jack
		5. Lathe Tailstock
		6. Universal Joint
		7. Machine Vice
		8. Stuffing box
		9. Crosshead
		10. Safety Valves
		11. Non-return valves
		12. Connecting rod
		13. Piston
		14. Crankshaft
		Manual Part Programming
		(i) Part Programming - CNC Machining Centre
		a) Linear Cutting.
		b) Circular cutting.
		c) Cutter Radius Compensation.
		d) Canned Cycle Operations.
		(ii) Part Programming - CNC Turning Centre
		a) Straight, Taper and Radius Turning.
		b) Thread Cutting.
		c) Rough and Finish Turning Cycle.
		d) Drilling and Tapping Cycle.
		Computer Aided Part Programming

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

		a) CL Data and Post process generation using CAM packages. b) Application of CAPP in Machining and Turning Centre.
9	**SIMULATION AND ANALYSIS LABORATORY**	**SIMULATION** 1. MATLAB basics, Dealing with matrices, Graphing-Functions of one variable and two variables 2. Use of Matlab to solve simple problems in vibration 3. Mechanism Simulation using Multibody Dynamic software **ANALYSIS** 1. Force and Stress analysis using link elements in Trusses, cables etc. 2. Stress and deflection analysis in beams with different support conditions. 3. Stress analysis of flat plates and simple shells. 4. Stress analysis of axi – symmetric components. 5. Thermal stress and heat transfer analysis of plates. 6. Thermal stress analysis of cylindrical shells. 7. Vibration analysis of spring-mass systems. 8. Model analysis of Beams. 9. Harmonic, transient and spectrum analysis of simple systems.
10	**MECHATRONICS LABORATORY**	1. Assembly language programming of 8085 – Addition – Subtraction – Multiplication – Division – Sorting – Code Conversion. 2. Stepper motor interface. 3. Traffic light interface. 4. Speed control of DC motor. 5. Study of various types of transducers. 6. Study of hydraulic, pneumatic and electro-pneumatic circuits. 7. Modelling and analysis of basic hydraulic, pneumatic and electrical circuits using Software. 8. Study of PLC and its applications. 9. Study of image processing technique.

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

15

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

CAD/CAM Laboratory

Dynamics Laboratory

16

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

Manufacturing Technology Laboratory

Mechatronics Laboratory

17

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

Thermal Engineering Laboratory

Metrology and Measurements Laboratory

18

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

2.2 A) INTERNSHIP:

Sl. No	Title of the activity	Name of the Company/Industry	Name of the participant	Duration
1.	Panel Board Design	Deltacraft Controls Coimbatore.	Sheik Ismail .B ShaikRahuman.S	02.01.20 To 12.01.20
2.	Hybrid Electrical Vehicle	Verzen HSR Layout Bangaluru	Mohamed Shaheen Shahul Hameed	1.5.2020 To 1.7.2020
3.	5D CADD Internship Program	5D CADD 01, No52, 3rd Floor Esspeekay Complex, Cantonment, Trichy.	Kosalya K	20.09.19 To 22.09.19
4.	5D CADD Internship Program	5D CADD 01, No52, 3rd Floor Esspeekay Complex, Cantonment, Trichy.	Shameer Ahamed.M	20.09.19 To 22.09.19
5.	5D CADD Internship Program	5D CADD 01, No52, 3rd Floor Esspeekay Complex, Cantonment, Trichy.	Kavitha.G	20.09.19 To 22.09.19
6.	5D CADD Internship Program	5D CADD 01, No52, 3rd Floor Esspeekay Complex, Cantonment, Trichy.	Abdul Rahim.M	20.09.19 To 22.09.19
7.	5D CADD Internship Program	5D CADD 01, No52, 3rd Floor Esspeekay Complex, Cantonment, Trichy.	Mohamed Ansar. M. K	20.09.19 To 22.09.19
8.	5D CADD Internship Program	5D CADD 01, No52, 3rd Floor Esspeekay Complex, Cantonment, Trichy.	Mohamed Faizal M	20.09.19 To 22.09.19
9.	5D CADD Internship Program	5D CADD 01, No52, 3rd Floor Esspeekay Complex, Cantonment, Trichy.	Mohamed Ali. S	20.09.19 To 22.09.19
10.	5D CADD Internship Program	5D CADD 01, No52, 3rd Floor Esspeekay Complex, Cantonment, Trichy.	LingeshWaran. M	20.09.19 To 22.09.19

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
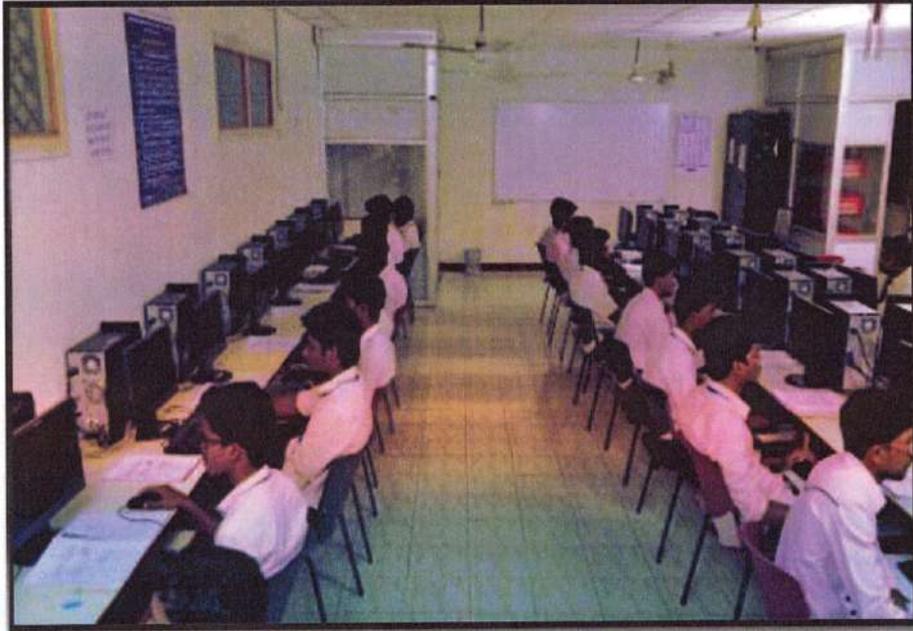GUNDUR, TIRUCHIRAPPALLI-620 007.
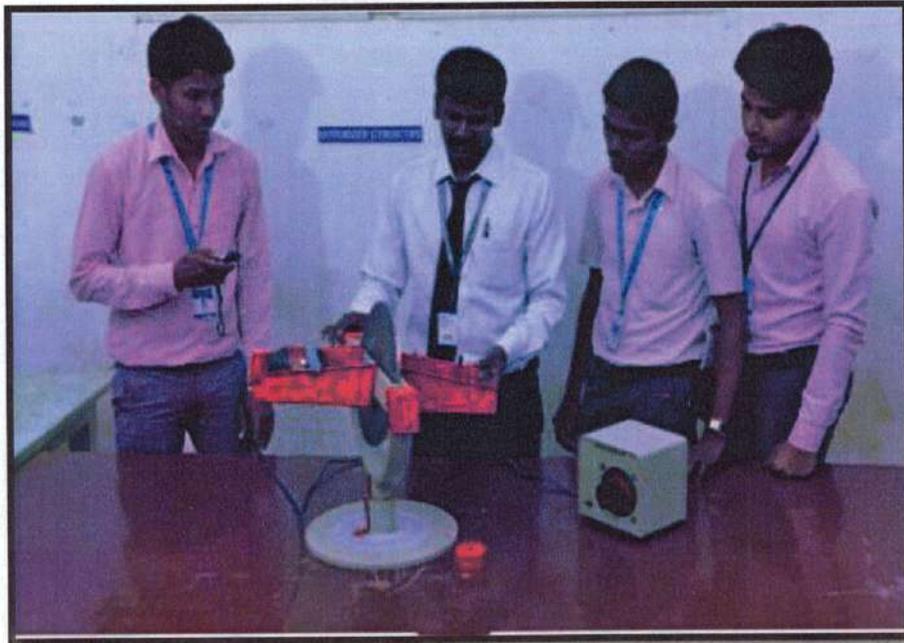
M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

11.	5D CADD Internship Program	5D CADD 01, No52, 3rd Floor Esspeekay Complex, Cantonment, Trichy.	Gunaseelan.S	20.09.19 To 22.09.19
12.	5D CADD Internship Program	5D CADD 01, No52, 3rd Floor Esspeekay Complex, Cantonment, Trichy.	Fazil Rahman. M	20.09.19 To 22.09.19
13.	5D CADD Internship Program	5D CADD 01, No52, 3rd Floor Esspeekay Complex, Cantonment, Trichy.	Naresh Kannan. G	20.09.19 To 22.09.19
14.	Production and Service Activities	KVM Industries,Thuvakudi, Trichy	J.Pavithra D.Nancy A.Judith V.Arul Sakthi S.Niveda J.Kiruthika U.Nisha	23.12.19 To 04.01.20

2.2 B) IN-PLANT TRAINING:

Sl. No	Title of the activity	Name of the Company/Industry	Name of the participant	Duration
1.	Central Workshop	Southern Railway, Goldenrock, Trichy	Z.Mohamed Shariee	25.11.19 To 30.11.19
2.	Central Workshop	Southern Railway, Goldenrock, Trichy	S.N.Shagul Hamed	03.12.19 To 08.12.19
3.	Central Workshop	Southern Railway, Goldenrock, Trichy	M.Ramkumar T.Vasanth	09.12.19 To 14.12.19
5.	230/110KV Substation Visit	TANGEDCO,Thirukkannurpatty,Thanjavur.Circle	V.Arul Sakthi A.Judith J.Kiruthika D.Nancy U.Nisha S.Nivedha J.Pavithra	06.01.20 To 10.01.20
4.	Project work on ONGG	Oil and Natural Gas Coorporation Ltd.	S.Karthikeyan	21.12.19 To 27.12.19

20

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
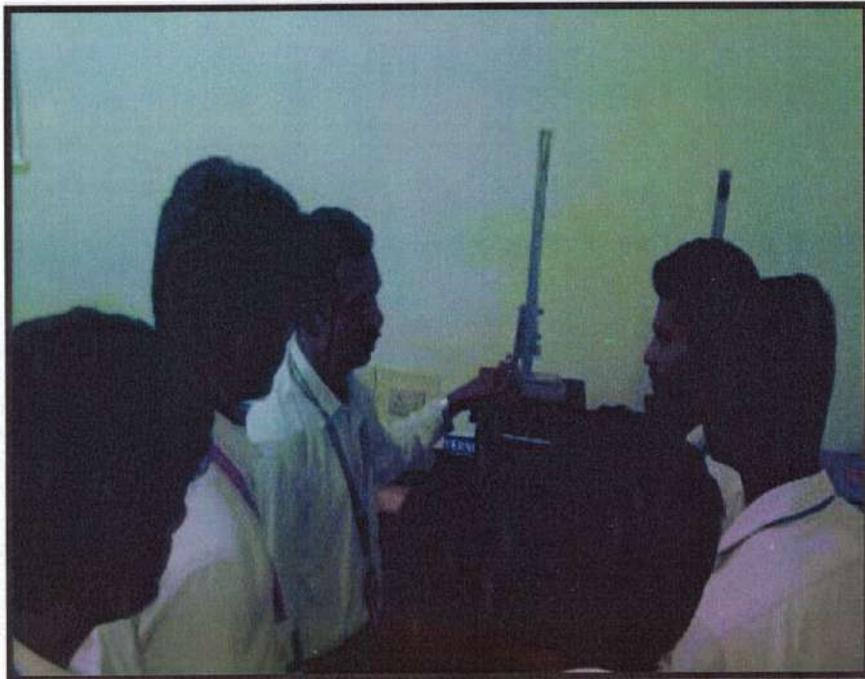GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

2.3 INDUSTRIAL VISIT / FIELD VISIT:

Department: Electrical and Electronics Engineering.
Place: Pentagon Switchgear Private Limited, Coimbatore
Date: 22.08.2019

21

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

Department: Electrical and Electronics Engineering.
Place: Kerala Electrical & Allied Engg. Co, Mamala, Kochi, Kerala
Date: 22.08.2019

22

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

WINDKRAFT Energy- Aralvoimozhi

Department: Electrical and Electronics Engineering.
Place: Windkraft Energy, Aralvaimozhi
Date: 22.08.2019

Department: Master of Business Administration.
Place: Aavin Dairy Works, Trichy
Date: 06.09.2019

23

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

2.4 PROJECTS

BRANCH: ELECTRICAL AND ELECTRONICS ENGINEERING
SEMESTER: VIII
BATCH: 2016-2020

S. NO	REG. NUMBER	STUDENT NAME	TITLE OF THE PROJECT WORK	NAME OF THE SUPERVISOR
1.	812416105001	ABDULLAH .J	A MODIFIED SEPIC CONVERTER FOR PHOTOVOLTAIC ENERGY HARVESTING SYSTEM	MRS.B.MUTHU SELVI
	812416105005	ARMAN SALIH AHMAD.A		
	812416105018	HAJA NAJIMUDEEN. A		
	812416105050	SAMEERALI .S		
2.	812416105006	ARULSAKTHI .V	BLDC MOTOR SPEED CONTROL WITH HALL SENSOR	S.PANDIA RAJAN
	812416105035	MUHAMMED ALTHAF. S		
	812416105042	RAM KAVI .N		
	812416105041	PRADEEP .R		
3.	812416105007	AZARUDEEN .S	SMART IOT MONITORING SYSTEM FOR AGRICULTURE WITH PREDICTIVE ANALYSIS	DR.U.SURESH KUMAR
	812416105044	RIYAS MOHAMED .A		
	812416105045	RIYAZ AHAMED .S		
	812416105046	ROOBAN RAJ .J		
4.	812416105010	BRITTO .S	HIGH GAIN DC – DC STEP UP CONVERTER WITH MULTILEVEL OUTPUT VOLTAGE	S.SUGARAJ
	812416105011	CHANDHRU .G		
	812416105012	DINAKARAN .T		
	812416105013	DIVAKARAN .N		

24

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

5.	812416105016	GANESHKUMAR .J	A MAXIMUM POWER POINT FOR PHOTOVOLTAIC MONITORING SYSTEM USING IOT TECHNIQUE	MRS.B.MUTHU SELVI
	812416105032	MOHAMED BASITH .S		
	812416105055	SHAIK RAHUMAN .S		
	812416105315	SHEIK ISMAIL.B		
6.	812416105017	GAYATHRI .N	MULTI RESONANT POWER CONVERTER FOR IMPROVED DUAL FREQUENCY INDUCTION HEATING	MRS.B.MUTHU SELVI
	812416105022	KALPANA .K		
	812416105057	SIVARANJANI .M		
	812416105061	THERESLINE JOICE .J		
7.	812416105025	KIRUTHIKA .J	SMART FAULT DETECTION IN UNDERGROUND CABLES	MR.D.JAYARAJ
	812416105036	NANCY .D		
	812416105040	PAVITHRA .J		
8.	812416105027	MANIKANDAN .P	ELECTRICITY FROM RAIN WATER HARVESTING	MR.S.SAMAYA SANJEEVI
	812416105037	NAZAR .M		
	812416105028	MOHAMED ABDUL MALIK .R		
	812416105049	SALMAN KHAN .I		
9.	812416105026	MANIKANDAN .M	FACE DETECTION BASED ATM SECURITY SYSTEM USING EMBEDDED LINUX PLATFORM	MR.S.PANDIA RAJAN
	812416105051	SARAVANAKUMAR .G		
	812416105054	SELLARASU .M		
	812416105021	KALAITHASAN .P		
10.	812416105034	MOHAMED SHALIK M .Y	SMART VEHICLE PARKING SYSTEM BY IOT	DR.U.SURESH KUMAR
	812416105031	MOHAMED BASHAJAN .A		
	812416105047	SAKTHIVEL .J		
	812416105053	SEENI MOHAMED .S		

25

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.
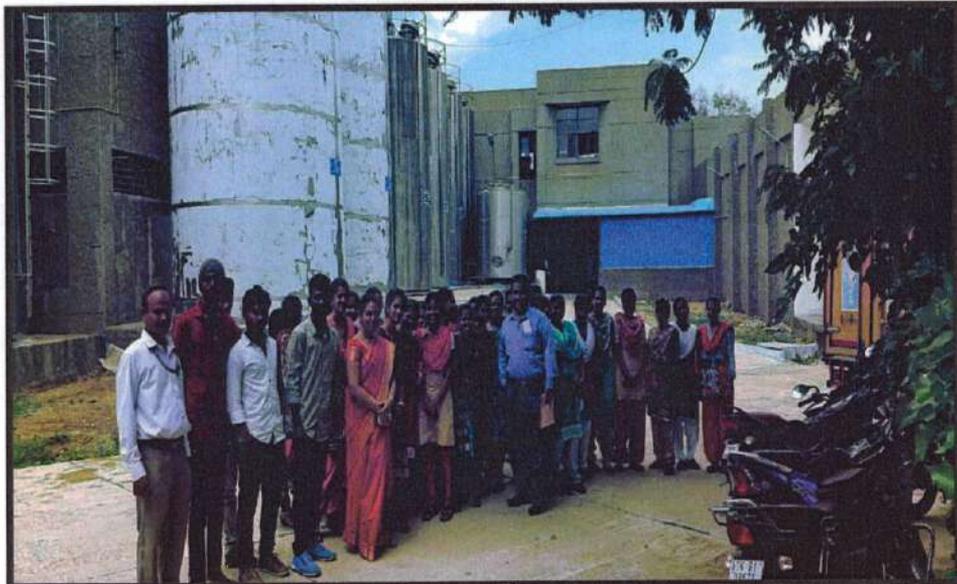
M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

11.	812416105019	JAFFER HUSSAIN .S	IMPLEMENTATION OF SENSOR - LESS PHOTOVOLTAIC POWER RESERVE CONTROL WITH SIMPLE REAL TIME MPP ESTIMATION	MR.D.JAYARAJ
	812416105024	KAYALARASU .N		
	812416105030	MOHAMED ASLAM .S		
	812416105033	MOHAMED ISMAIL .R		
12.	812416105015	FAROOK DHEEN .P	QUAZI Z SOURCE NETWORK BASED THREE PHASE INVERTER USING SPACE VECTOR PWM TECHNIQUE	MR.S.SAMAYA SANJEEVI
	812416105309	MOHAMED KHAN .M		
	812416105310	MOHAMED RHISWAN ROSLAN.H		
	812416105312	RAJ MOHAMED .S		
13.	812416105014	ELANSEZHIYAN .M	ULTRASONIC BASED HAND GESTURE CONTROLLED ROBOT	MR S.PANDIA RAJAN
	812416105048	SALAM .B		
	812416105307	MOHAMED ETHAYATH.R		
	812416105308	MOHAMED JAINUDEEN.J.B		
14.	812416105311	MUHAMED RISHWAN .J	IMPLEMENTATION OF LUO CONVERTER USING PHOTOVOLTAIC CELL	MR.D.JAYARAJ
	812416105313	SAIYADRIHAAN .A		
	812416105316	SYED YASHIP .S		
	812416105318	YACOBNATHAN .S		
15.	812416105302	ARUN NISHANTHAN.N	LED BASED SOLAR PV SIMULATION	MS.A.ABIRAMI
	812416105303	DHEENADAYALAN Y		
	812416105306	MANIKANDAN.T		
	812416105314	SAMI NATHAN .B		

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

16.	812416105056	SHANMUGARAJA .J	A HIGH EFFICIENCY ACTIVE BOOST RECTIFIER BASED CONVERTER WITH DOUBLE PULSE DUTY CYCLE	MS.A.ABIRAMI
	812416105058	SRIHARI .S		
	812416105062	THIVAKAR .D		
	812416105064	VIKRAM .S		
17.	812416105020	JUDITH .A	A SEPIC AC/DC SINGLE STAGE SOFT SWITCHING PFC CONVERTER	MS.A.ABIRAMI
	812416105038	NISHA .U		
	812416105039	NIVEDHA .S		
18.	812416105002	AJMAL AHAMED MARAICAR .Y	IMPLEMENTATION OF AN IOT BASED ENERGY MONITORING SYSTEM FOR MANAGING SMART HOMES	MR.S.SAMAYA SANJEEVI
	812416105063	VIGNESH .V		
	812416105059	SUJITH S		

BRANCH: CIVIL ENGINEERING
SEMESTER: VIII
BATCH: 2016-2020

S. NO	REG. NUMBER	STUDENT NAME	TITLE OF THE PROJECT WORK	NAME OF THE SUPERVISOR
1	812416103003	AHAMED RASHITH. M.A	AN EXPERIMENT ON MANUFACTURING OF BRICK BY RED SOIL AND BLACK SOIL USING FLY ASH AND DEMOLITION WASTE	MR. S. ARUN SAHAYA RAJ
	812416103042	SAHUL HAMEED. M		
	812416103012	FAIS AHAMED. S		
	812416103007	ASKAR ALI. A		

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

	812416103041	RAMJAN ALI. J	AN PARTIAL REPLACEMENT OF COCONUT SHELL AS COARSE AGGREGATE IN PAVER BLOCKS	MR. R. ELANGOVAN
2	812416103303	ARIVUNITHI. J		
	812416103311	LOGANATHAN. D		
	812416103328	VIVEK. S		
	812416103020	LINGESHWARAN. M	UTILISATION OF WASTE PLASTICS IN BITUMINOUS ROAD	MR. J. JOSHUA SAKUNTH
3	812416103026	MOHAMED FAIZAL. M		
	812416103023	MOHAMED ALI. S		
	812416103051	THARIQ AHMED. S		
	812416103037	MOHAMED YASEER. A.R	EXPERIMENTAL INVESTIGATION ON AUTOCLAVE AERATED CONCRETE BLOCK	MR. E. SANTHOSH KUMAR
4	812416103048	SURENDHIRAN. S		
	812416103049	SYED MOHAMED. M		
	812416103050	THAMIZUDDIN. T		
	812416103305	AZGAR SHARIFF. M	COMPARATIVE STUDY ON CONCRETE BY PARTIAL REPLACEMENT OF GGBS, SILICA FUME AND METAKAOLIN FOR CEMENT WITH ADDITION OF POLYPROPYLENE FIBER	MR. S. KARTHI KEYAN
5	812416103317	NAVANEETHA KRISHNAN. D		
	812416103325	SRI GOWTHAM. H.D		
	812416103326	SULTHAN SAHI. A		
	812416103315	MOHAMED WASIM. A	EXPERIMENTAL INVESTIGATION OF PERMEABLE CONCRETE	MR. E. SANTHOSH KUMAR
6	812416103046	SIVARANJAN. P		
	812416103304	AZARUDEEN. U		
	812416103313	MOHAMED IMRAN. S		

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

7	812416103025	MOHAMED ASHIK. A	AN ASSESSMENT OF CLOSING POTHOLES BY USING MODIFIED BITUMEN	MR. S. ARUN SAHAYA RAJ
	812416103029	MOHAMED RIYAZ. M		
	812416103032	MOHAMED THARIQ. H		
	812416103028	MOHAMED IMRAN. M		
8	812416103034	MOHAMMED AADIL MAKHDOOM. H	PARTIAL REPLACEMENT OF REINFORCEMENT IN CONCRETE STRUCTURE USING BAMBOO	MR. B. SEKAR
	812416103030	MOHAMED SAJITH. A		
	812416103038	NARESH KANNAN. G		
	812416103031	MOHAMED THANWEER. S		
9	812416103301	ABDULLAH. K	DESIGN OF DOMESTIC WASTE WATER TREATMENT PLANT	MR. A. BELIN JUDE
	812416103323	SHEIK SABEER. S		
	812416103321	SHAHUL HAMEED. M		
	812416103322	SHAJAHAN. M		
10	812416103310	KIRUPA SHANKAR. T.G	EXPERIMENTAL INVESTIGATION ON TILE MADE FROM HEMPCRETE	MR. S. SURESH
	812416103309	KAVIN. S		
	812416103035	MOHAMMED ABBAS. K		
	812416103033	MOHAMED YUNUS. A		
11	812416103005	ARVIND. N	PLASTIC DIGESTER WITH VERMICOMPOST REACTOR FOR RESIDENTIAL SOLID WASTES	DR. R. SARAVANAN
	812416103009	BAALAJI. M		

29

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

12	812416103013	FAZIL RAHMAN. M	EXPERIMENTAL INVESTIGATION ON CONCRETE BY PARTIAL REPLACEMENT OF SAND WITH BRICK DUST	MR. S. KARTHI KEYAN
	812416103036	MOHAMMED ILIYAS. I		
	812416103040	PARTHIBAN. S		
	812416103055	YASIN. M		
13	812416103002	ABINAYA. N	STUDIES ON THE BEHAVIOUR OF ECO-BRICKS WITH PLASTIC & BAMBOO REINFORCEMENT IN BUILDING	MR. A. BELIN JUDE
	812416103027	MOHAMED HARUN. S		
	812416103307	GYASUDEEN. N		
	812416103001	ABDUL RAHIM. M		
14	812416103014	GUNASEELAN. S	EFFECTIVE RECYCLING OF PLASTIC WASTE AND UTILIZATION IN THE MANUFACTURING OF PAVER BLOCKS	MR. A. BELIN JUDE
	812416103024	MOHAMED ANSAR. M.K		
	812416103045	SHAMEER AHAMED. M		
	812416103319	PRAVEEN KUMAR. P		
15	812416103018	KAVITHA. G	EXPERIMENTAL GROWTH OF PLANTS BY USING AQUAPONICS WITH IOT	MR. S. SURESH
	812416103701	KAOSALYA. K		
16	812416103312	MAHESWARI. T	AN ASSESSMENT OF HYDROPONIC FODDER PRODUCTION SYSTEM AND INTEGRATED FARMING	MR. S. ARUN SAHAYA RAJ
	812416103316	NANDHINI. N		
	812416103327	VINODHA. J		
17	812416103008	AZARUDHEEN. A	AN EXPERIMENTAL STUDY ON PAPERCRETE BRICKS	DR. R. SARAVANAN
	812416103324	SIRAJUDEEN. L		
	812416103054	VASANTH KUMAR. K		
	812416103320	RAMKUMAR. R		

30

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

	812416103017	IJAS AHAMED. M		
18	812416103011	DINESH KUMAR. A	AN EXPERIMENTAL INVESTIGATION ON PERMEABLE CONCRETE	MR. B. SEKAR
	812416103052	THASLIM KAUSER. S		
	812416103006	ASHIK AHAMED. N		
19	812416103043	SALEEM. A	EXPERIMENTAL STUDIES ON STRENGTH OF CONCRETE BY PARTIAL REPLACEMENT OF MARBLE POWDER WITH FINE AGGREGATE	MR. R. ARUN KUMAR
	812416103044	SAMEERUDEEN. B		
	812416103302	ARAVIND. S		
	812416103053	USMAN KANI. M		

BRANCH: COMPUTER SCIENCE AND ENGINEERING
SEMESTER: VIII
BATCH: 2016-2020

S. NO	REG. NUMBER	STUDENT NAME	TITLE OF THE PROJECT WORK	NAME OF THE SUPERVISOR
1	812416104011	A.K.AYESHA SHEREEN	FETUS FEGE MONITORING SYSTEM	P.CHRISTOPHER
	812416104025	R.KARISHMA		
2	812416104027	A.KAVIYA	AN EFFICIENT TRAITOR TRACING AND REVOCATION FOR ENCRYPTED FILE SYNCHRONIZING AND SHARING IN CLOUD	A.BARVEEN
	812416104041	R.NIVETHA		
	812416104007	S.ANUSIYA DEVI		
3	812416104018	P.HEPHZIBAH	DARKNET SECURITY: A CATEGORIZATION OF ATTACKS TO THE TOR NETWORK	A.JOSHUA ISSAC
	812416104043	L.NIVETHINI		
	812416104063	R.SAGUNTHALA		

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

4	812416104047	R.PARTHIBAN	FACE RECOGNTION FOR VOTING MANAGEMENT SYSTEM	DR.S.SHANMU GAPRIYA
	812416104030	S.MANIKANDAN		
	812416104074	N.SUBASH		
5	812416104302	A.ROSHINI	MONEY RECOGINITON AND FAKE CURRENCY DETECTION FOR VISUALLY IMAPIRED PEOPLE	R.VENKATESAN
	812416104056	V.RAMYA		
	812416104058	M.REVATHI		
6	812416104076	M.V.SUBASREE	SECURE COMMUNICATION IN AIRCAFT SYSTEM USING LIFI TECHNOLOGY	A.BARVEEN
	812416104050	R.PRIYA		
	812416104055	G.RAMYA		
7	812416104016	K.GOMATHI	2D BARCODE IMAGE PROCESSING USING SVM	P.CHRISTOPHER
	812416104017	A.HAJARA BATHOOL		
8	812416104042	S.NIVETHA	BLOCK CHAIN BASED SECURED VOTING USING MULTILEVEL AUTHENTICATION	M.K.MOHAMED FAIZAL
	812416104014	S.FARJANA FATHIMA		
9	812416104029	N.LAVANYAA	MACHINE LEARNING ECART ANALYSIS MODEL(MLEM)	P.MANI KANDAN
	812416104304	E.SUBHA		
10	812416104060	S.ROBIKA	SECURE SYTEM FOR ANALYZING MEDICAL DATA USING BIG DATA	A.BARVEEN
	812416104084	M.ZAINA ZUHAINA		
	812416104073	S.SOUNDHARYA		
11	812416104051	A.PRIYANKA	FOOL PROOF SYSTEM BASED ON FINGERPRINT IDENTIFICATION	DR.K.GEETHA
	812416104070	A.SIBIYA NILOSHA		
	812416104054	R.RAMELA		
	812416104068	A.SHAMMENA ARASI		
12	812416104004	S.AMRUTAM SUNIL	THIRD EYE FOR BLIND PEOPLE	DR.K.GEETHA
	812416104008	R.ARVINDHAN		
	812416104009	M.ARIF MOHAMED		

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007,

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

13	812416104083	C.M.YAMINI PRIYA	SECURED AUTHENTICATION USING IMAGE HOTSPOT SECURITY AND DATA SHARING WITH STEGNOGRAPHY	A.JOSHUA ISSAC
	812416104022	S.JEROPHINE SANTHIYA		
14	812416104035	M.MOHAMED MUNAF	LIVE ANTI-THEFT MONITORING SYSTEM	R.VENKATESAN
	812416104033	K.MOHAMED BILAL		
	812416104036	M.MOHAMED MUZAMMIL		
15	812416104032	M.MOHAMED ASIK	INTELLIGENT PUBLIC TRANSPORTATION SYSTEM BASED ON INTERNET OF THINGS	P.MANI KANDAN
	812416104037	A.MOHAMMAD SAIFULLAH		
	812416104059	H.RIYAZ AHAMED		
	812416104038	S.MOHAMMED ANSAR		
16	812416104080	S.VASANTH	FACE BASED PERSON REIDENTIFICATION IN VIDEOSTREAMING ENVIRONMENTS	DR.K.GEETHA
	812416104069	T.SHYAM SUNDAR		
	812416104064	N.SAMEERKHAN		
	812416104002	P.AKILAN		
17	812416104077	K.SUMATH RADEVI	INTELLIGENT TRAFFIC ANALYSIS AND CONTROL SYSTEM USING AI ENABLED IOT	DR.S.SHANMU GAPRIYA
	812416104070	K.SIVAGAMI		
	812416104066	J.SHAJEETHA PARVEEN		
18	812416104028	T.LAMYABANU	A BLOCK CHAIN BASED CONFIDENTIAL SCHEMA FOR ORGANIZED DATA IN DISTRIBUTED NETWORKS	G.NALINAKEER THANA
	812416104045	M.NOORUL VAISHA		

33

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

19	812416104010	S.ASWATHI	MUTUAL AUTHENTICATION AND KEY AGREEMENT SERVICE PROVIDERS FOR CLOUD COMPUTING ENVIRONMENT	M.MOHAMED FAIZAL
	812416104015	S.GAYATHRI		
	812416104031	J.MEGA SUSMITHA		
20	812416104079	A.UMMAL BAJRIA	EARLIER STAGE CERVICAL IDENTITY WITH SVM AND RNN	R.VENKATESAN
	812416104061	A.RUMANA FERVIN		
	812416104066	R.SHABIRA BEGAM		
21	812416104044	H.NIZAR AHAMED	HYBRID PIN BASED RANDOM PROCESS	M.MOHAMED FAIZAL
	812416104053	L.RAJESH		
	812416104082	J.VIMAL BRITTO		
	812416104065	S.SHABI AHAMED		
22	812416104023	R.KABIL	MACHINE LEARNING BASED DDOS DETECTION SYSTEM	DR.S.SHANMU GAPRIYA
	812416104048	V.PRASANNA		
23	812416104301	S.ELANGOVAN	CUSTOMER COMPLAINT ANALYSIS TOOL FOR GOVERNMENT NETWORK PORTAL	P.CHRISTOPHER
	812416104303	S.SATHISH KUMAR		
	812416104062	S.SABURKHAN		
24	812416104078	G.UMASHANKAR	MONITORING SCALABLE NETWORKING USING HYBRID HONEYPOT IMPLEMENTATION	DR.V.CHANDRA SEKAR
	812416104075	M.SUBASH CHANDRA BOSE		
	812416104049	R.PREM		
25	812416104001	M.AHAMED YOUNUS KHAN	DISEASE PREDICTION BY ARTICULATOR ANALYSIS USING DEEPLEARNING	P.MANI KANDAN
	812416104019	T.IBRAHIM UMARKHAN		
	812416104052	S.RAJA		

34

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007,

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

3. PARTICIPATIVE LEARNING:

3.1 GUEST LECTURES

CHALLENGES IN CIRCUIT DESIGNING

Date: 23.09.2019.

Resource person: Dr.K.Hariharan, Associate Professor, Electronics & Communication Engineering, Thiagarajar College of Engineering, Madurai.

Objective of the Program:
- To acquaint students with design concepts of electronic circuits and components.

Topics Covered:
- Operation of Active and Passive components and its design constraints.
- Biasing of transistors.

Outcomes:
- Students were enlightened with this guest lecture by becoming aware of the operation of active and passive electronic components
- Students became aware of the challenges confronted by a design engineer while constructing new electronic circuits
- The content made the student to create an affinity towards this subject since it was explained using real life analogy

35

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

FIBER OPTICS-CHALLENGES, APPLICATIONS AND FUTURE PROSPECTS

Date: 23.09.2019.

Resource person: Dr. S.K. Pandiyan, Senior Assistant Professor, Electronics& Communication Engineering, SASTRA deemed to be University, Thanjavur

Objective of the Program:

- To make the student understand the fiber optic theory and operation, including past, present and future applications as well as its advantages and disadvantages thereby to bring them insight into the broad and diversified applications of fiber optic technology.

Topics Covered:

- Introduction to optical fibers
- Signal degradation in optical fibers
- Optical Fiber Modes and Configurations
- Link power budget -rise time budget
- Fiber optic theory emerging trends and future applications

Outcomes:

- Demonstrate an understanding of optical fiber communication link, structure, propagation and transmission properties of an optical fiber.
- To know about the signal degradation happening in an optical fiber.
- Design a fiber optic link based on link power budgets

36

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

INDUSTRIAL SAFETY ENGINEERING

Date: 22.08.2019

Resource person: Mr.K.R.Balasubramanian, Associate Professor, Mechanical Engineering Department, NIT, Trichy

Objective of the Program:

- To impart knowledge about the Industrial safety engineering concepts in detail.

Topics Covered:

- The importance of Safety Engineering in an industry
- An Introduction about the concept of Safety Management System (SMS) and explained about principles and methods in SMS implementation briefly
- Visualizing videos regarding safety & health awareness and industrial accidents due to poor safety measures
- A discussion on "Nuclear energy needs" and its level of safety in utilizing those resources.

Outcomes:

- The students were able to update their knowledge regarding industry safety issues and future industrial trends in India.

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

INDOOR AIR QUALITY MANAGEMENT

Date: 03.10.2019

Resource person: Dr. G.Venkatesan, Assistant Professor, Department of Civil Engineering, Anna University BIT Campus, Trichy.

Objective of the Program:
- To impart knowledge on Indoor air pollutant and its management.

Topics Covered:
- Indoor air quality management.
- The theories for major air pollutant control.

Outcomes:
- Ability to understand characteristics of indoor air pollutants.
- Ability to design and particulate air pollution control devices.
- Ability to manage Indoor air quality.

38

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

REAL-TIME IMPLEMENTATION OF FACTS CONTROLLERS AND ITS DIFFICULTIES
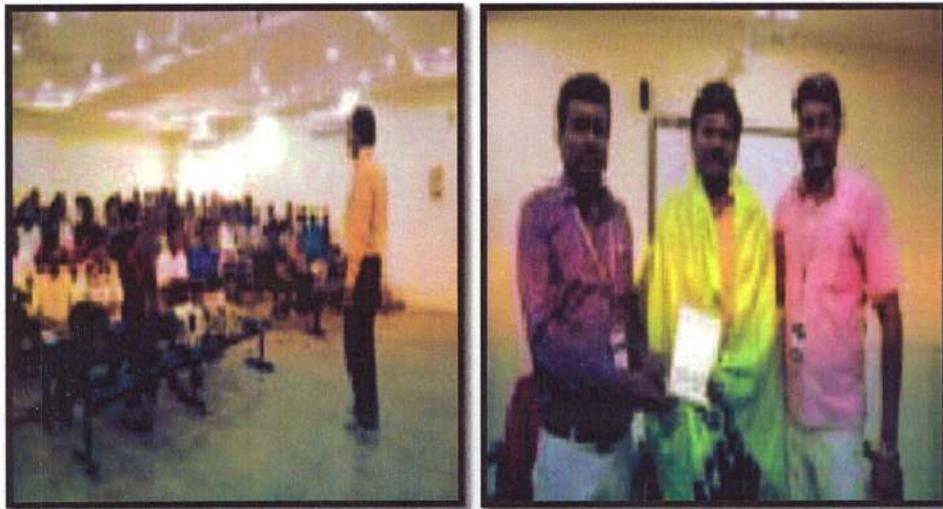
Date: 20.08.2019

Resource person: Dr. R. Gandhiraja, Assistant Professor, Department of EEE, Anna University BIT Campus, Trichy.

Objectives of the Program:
- To introduce the reactive power control techniques.
- To educate on static VAR compensators and their applications. ..
- To educate on STATCOM devices.
- To provide knowledge on FACTS

Topics Covered:
- Types of various FACTS devices
- STATCOM,
- Static VAR compensator and
- Concept of co-ordination of various FACTS controllers.

Outcomes:
- Ability to understand the concept of reactive power control techniques
- Ability to explain the operation of various controllers and its application
- Ability to Understand the concept of facts co-ordination

39

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

AIR POLLUTION AND CONTROL ENGINEERING
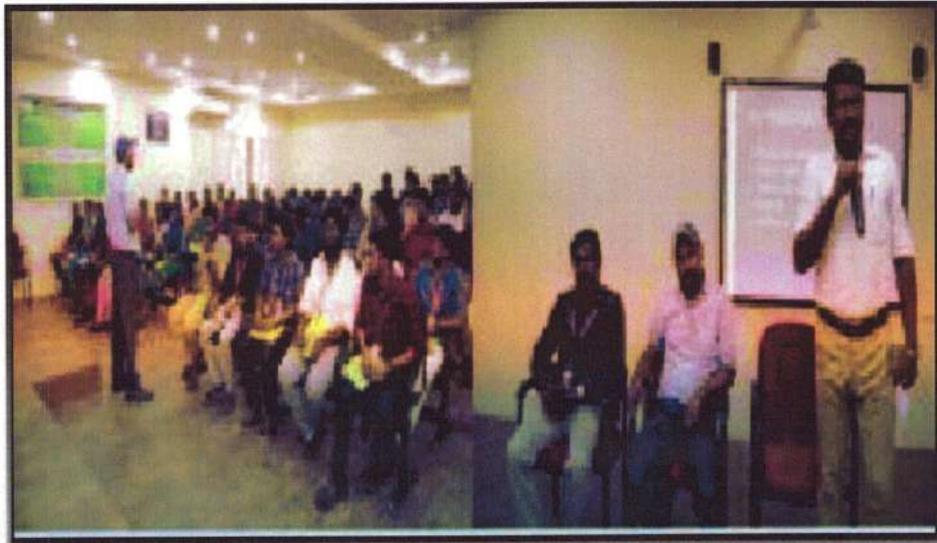
Date: 08.08.2019

Resource person: Dr. J. Thirumal, Assistant Professor, Department of Civil Engineering, Anna University Regional Campus, Tirunelveli.

Objective of the Program:

- To impart knowledge on the principle, design and control of Indoor/ particulate/ gaseous air pollutant and its emerging trends.

Topics Covered:

- Basic concepts of Air Pollution and its Control technologies,
- Meteorology,
- Control of Particulate Contaminants & Gaseous Contaminants,
- Indoor air quality management and
- The fundamental theories as well as practices of various devices for major air pollutant control.

Outcomes:

- Ability to understand the nature and characteristics of air pollutants.
- Ability to design stacks and particulate air pollution control devices to meet applicable standards.
- Ability to identify, formulate and solve air & noise pollution problems

40

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

ETAP

Date: 26.07.2019

Resource person: Mr. A. Jayakumar, Senior Engineer, Livewire, Trichy.

Objective of the Program:

- To develop the knowledge about ETAP software.

Topics Covered:

- Introduction to ETAP
- Usage of ETAP for Power system problems.
- Study of load flow analysis using ETAP

Outcomes:

- Ability to develop the knowledge in ETAP software.
- Ability to understand the solution for power system problems

PRINCIPAL
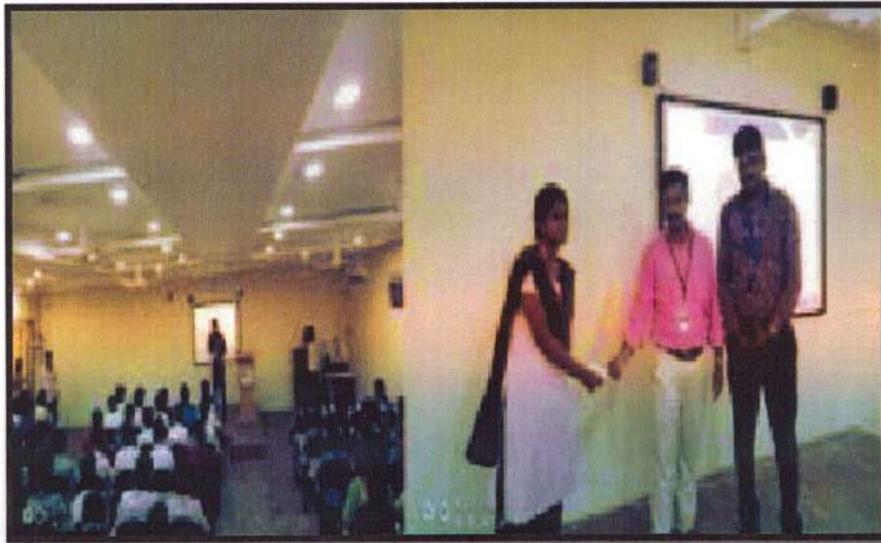M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu
Ph: 0431 – 2660 303

MOBILE APP DEVELOPMENT USING ANDROID

Date: 24.09.2019

Resource person: Mr. S.P.Srinivasan, Technical Head, Gateway Finishing School, Trichy.

Objective of the Program:

- To know the components and structure of mobile application development frameworks for Android and windows OS based mobiles.

Topics Covered:

- Basic components of an Android application.
- Lifecycle methods of Android application components.
- Basics of event handling in Android.
- Basics of graphics and multimedia support in Android.
- Demonstrate basic applications of using an integrated development environment.

Outcomes:

- Design and Implement various mobile applications using emulators.
- Deploy applications to hand-held devices.

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

SECURITY ISSUES IN CLOUD COMPUTING

Date: 31.08.2019

Resource person: Mr.Vijai Veeramani, DevOps Engineer - Senior Project Manager, Oracle Corporation, Bangalore.

Objective of the Program:

- To enrich student knowledge in "Security Issues in Cloud Computing" which specifies the safety and security of communication and user authentication, data authentication such as integrity and authentication, non-repudiation of origin, and confidentiality in cloud computing.

Topics Covered:

- Basic concepts of Cloud Computing.
- Data Loss and Inadequate Data Backups
- Shared Cloud computing services.
- Live demonstration on their own company cloud environment.

Outcomes:

- Gain knowledge on the concept of virtualization that is fundamental to cloud computing.
- Enrich the knowledge of programming skill in cloud.
- Understand the security issues in cloud environment.

43

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

BLOCK CHAIN TECHNOLOGY

Date: 30.08.2019

Resource person: Mr.R.Bala Dhandayuthabani, Senior Project Manager, ATOS-Syntel Inc USA & System Pvt. Limited, Chennai.

Objective of the Program:

- To impart knowledge in a decentralized/distributed and public digital ledger that is used to record transactions across many computers and record cannot be altered in block chain.

Topics Covered:

- Block chain technology and Bit coin crypto currency
- Concepts and relevance of Block chain, Block chain network
- Introduction to Bit coin mining
- Performing transactions using Block chain
- Introduction to smart contracts
- Languages used in Block chain contracts
- Deploying transactions on the Block chain node
- Working on real-world Block chain projects

Outcomes:

- Familiarize the functional/operational aspects of crypto currency ECOSYSTEM.
- Understand emerging abstract models for Block chain Technology.
- Identify major research challenges and technical gaps existing between theory and practice in crypto currency domain.

44

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

3.2 VALUE ADDED COURSES

There are some of the Add-on Courses that are being provided in the Departments as a part of adding an additional value to the programme. The following courses had been provided as Value Added Courses in the Academic Year 2019-2020.

S.No.	Title of the Course	Department concerned	Faculty in-charge of the Course
1	Earthquake Analysis and Design of Structures	Civil	M.Manikandan and S.Suresh.
2	Structural Detailing And Bar Bending Scheduling for sub structures	Civil	S.Arun Sahaya Raj
3	Analysis and Design of Steel structures using STADD PRO software	Civil	S.Suresh
4	Salesforce ADX-201	CSE	M.K.Mohamed Faizal and P.Christopher
5	Implementation of Data structures using Python Programming	CSE	R.Deepa and G.Nalina Keerthana
6	Hardware modeling using Verilog	ECE	N.Latha and Dr.A.Sureshkumar
7	Arduino Based Embedded System Design	ECE	G.Karthika
8	Electrical Safety and Maintenance	EEE	S.Samaya sanjeevi
9	Basic Industrial Automation using PLC	EEE	A.Abirami
10	Non-Destructive Testing Techniques to Minimize Weld Defects	Mech	M.Kirubakaran and L .S. Narendhira.
11	Modeling of an Engine Assembly by Using Fusion 360°	Mech	K.PanneerSelvam and J.Prince Jerome Christopher.
12	Strategic Management of Innovation	MBA	S.Nandhini
13	Digital Marketing	MBA	G.Sathishkumar

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

3.3 WORKSHOP

SALES FORCE ADX-201

Date: 30.09.2019 to 05.10.2019
Resource person: Mr.Jino Jose, Deputy Manager, Research & Development, ICT Academy

Objective of the Program:
Encompasses in acquiring the Sales force Admin certificate and to learn sales force lightning platform. The course takes the students through various customizations' possible in sales force lightning. It also covers how to implement some of the commonly used business scenarios in lightning. This course is a complete hand-on course so the students can learn by doing.

Topics Covered:
- Business administration
- Lightening work experience
- Security specialist

Outcomes:
- Customize the application, including page layouts, fields, tabs, and business processes in Lightning Experience.
- Learn how security settings created in Sales force Classic are applied in Lightning.
- Maintain and import clean data in Lightning.
- Use Lightning features to create high-value reports and dashboards
- Understand how workflow automation complies with Lightning.

46

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

WEB APPLICATION DEVELOPMENT USING PHP

Date: 25.09.2019
Resource person: Mr. S.P.Srinivasan,Technical Head, Gateway Finishing School, Trichy.

Objective of the Program:

Provides the knowledge necessary to design and develop dynamic and database-driven web pages using PHP that powers many websites.

Topics Covered:

- Installing WAMP and Setting up the Development Environment
- Working with PHP
- Creating Database with MySQL
- Creating Tables
- Creating Users
- Connecting PHP to MySQL
- Creating a Content Management System
- Backing up Database

Outcomes:

- Demonstrate Rich Internet Applications
- Build Dynamic web site using server side PHP Programming and Database connectivity using My SQL.

47

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

AUTOCAD-ELECTRICAL

Date: 05.09.2019
Resource person: Er. Jayakumar, Livewire Trichy.

Objective of the Program:
- To enhance the knowledge of students in AutoCAD and E-cad
- To create and modify both electrical diagrams and layouts.
- To generate Schematic report and Panel Report

Topics Covered:
- Introduction to ECAD
- Basic Schematic Circuit Drawing.
- AUTOCAD TO ECAD conversion
- Report Generation

Outcomes:
- Students can able to use AUTOCAD software.
- Ability to draw the electrical circuits with various components into the layout.
- Ability to generate reports for the Circuits.

48

PRINCIPAL
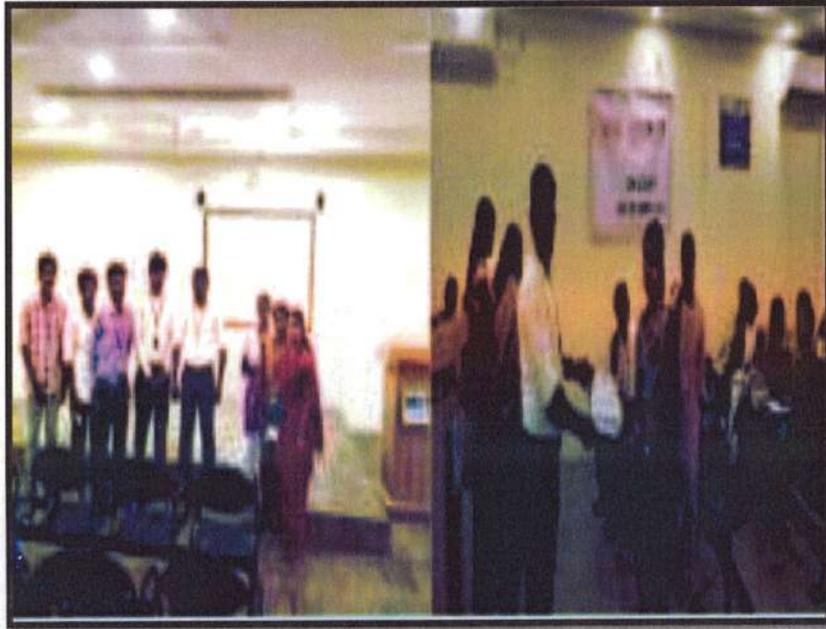M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

ARDUINO

Date: 29.08.2019 & 30.08.2019

Resource person: Mr. E. Prathap, Senior Programmer, Pantech Proed Pvt. Ltd., Trichy

Objective of the Program:
- To gain more knowledge in AURDINO technology.
- To increase student's thinking ability by produce new invention.
- To expose the student in emerging technologies in the area of embedded system.

Topics Covered:
- Arduino Introduction
- Interfacing of Keyboard, LED & Relay.
- Interfacing of GSM, GPS, RFID
- Interfacing With DC Motor, MEMS

Outcomes:
- Students can able to program as well as to work in physical programmable circuit board.
- Students can able to indulge their knowledge in cross curriculum studies using AURDINO.
- Students can develop projects using AURDINO.

49

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPPALLI-620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303
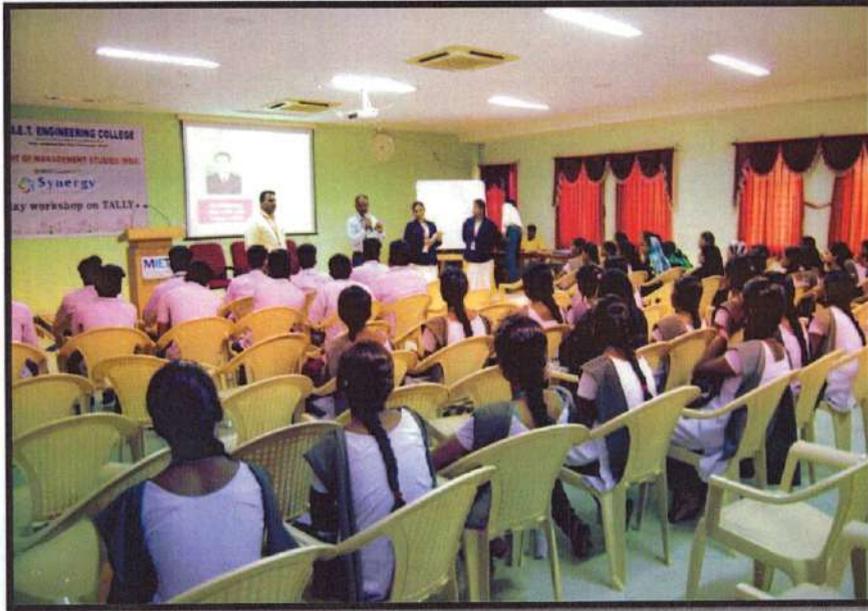
TALLY

Date: 27.08.19 & 28.08.19

Resource person: Ms.R.Kalaiselvi, Tally Specialist, Synergy School of Business Skills

Objective of the Program:
- To introduce the students to the basics of accounts and usage of the accounting package TALLY for accounting purpose.
- To train the students in preparation of final accounts using TALLY.

Topics Covered:
- TALLY- Accounting and voucher entry.
- Payroll.
- Tax deducted at source.
- Report generation.

Outcomes:
- Students learned the basics of TALLY and its usage.
- Students learned how to create company accounts using TALLY and also about the function and shortcut keys.
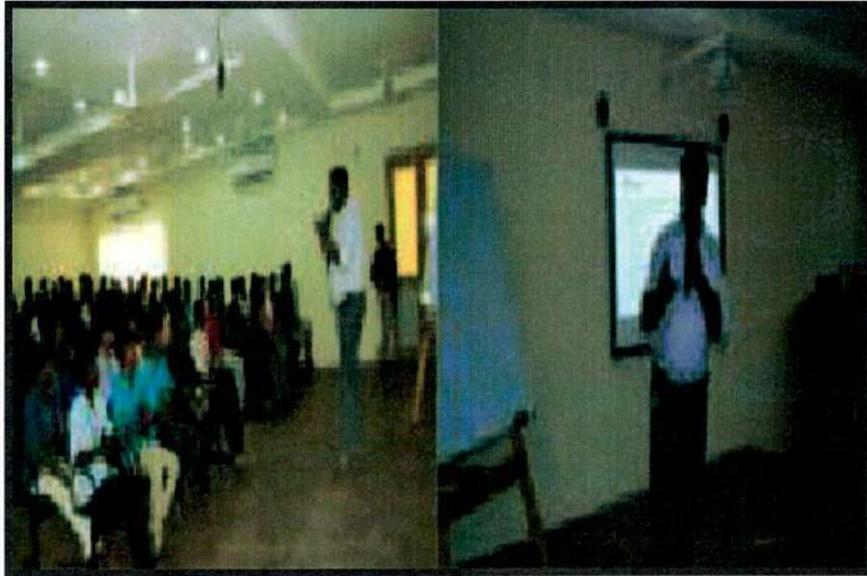- They knew about voucher entry and TDS transactions.

50

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

3.4 ENTREPRENEURSHIP DEVELOPMENT PROGRAMME

INTRODUCTION TO INDUSTRIAL AUTOMATION

Date: 19.08.2019.
Organizer: Department of EEE in association with EDC.
Resource person: Mr. S. Samuel Dilton, Senior Project Engineer,
IPCS Automation, Trichy.

Objective of the Program:
- To enhance the knowledge of students in Industrial Automation
- To understand role of SCADA in industrial automation
- To develop the knowledge in modules of PLC designing

Topics Covered:
- Introduction to Industrial Automation
- Industrial Automation using SCADA
- Industrial Automation using PLC

Outcomes:
- Ability to understand the importance of Industrial automation
- Ability to explain the configuration of SCADA.
- Ability to understand need of PLC in automation.

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

51

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

ENTREPRENEURSHIP IN MOBILE SERVICING - TECHNIQUES FOR SMART PHONE SERVICE AND TROUBLESHOOTING

Date: 04.10.2019 & 05.10.2019
Organizer: EDC in collaboration with IETE student's forum.
Resource person: Mr.R.Karthi, New Technology, Mobile Service & Training Institute, Coimbatore

Objective of the Program:
To make the student to understand about tracking, identifying Components, Trouble Shooting and also assembles and dissemble the Mobile Phone.

Topics Covered:
- Basics of Electronic Components, Current and voltage power.
- AC current and DC Current, IC Identification in mobile phone.
- Testing of Battery and Components by using various Testing method.
- Circuit Diagram for i) Speaker and Ringer Solution ii) Insert SIM (or) No Signal Solution (iii) Charging Solution
- Checking of Speaker, Mike and Ringer in Mobile phone, Dead Mobile Solution, Software Problems in Mobile phone

Outcomes:
- Identification of Active and Passive Component in the PCB Board inside the mobile phone
- Students have learned about how to diagnose the mobile Phone.
- Students have learned about how to replace the components according to the problem occur in the mobile phone.
- The Students have gained basic knowledge to become the Entrepreneur in mobile session

52

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI -620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

INDUSTRIAL EXPECTATIONS FROM ENGINEERS

Date: 19.08.2019

Organizer: Department of Mechanical Engineering in association with EDC.

Resource person: Mr.S.Senthilkumar, Assistant Professor, Mechanical Engineering Department, Alagappa Chettiar Government College of Engineering and Technology (ACGCET)

Objective of the Program:

- To impart knowledge about the expectation of the Industries from the Engineering Graduates.

Topics Covered:

- The importance of Engineering courses and its huge employability opportunities around the world.
- Focus of industry on creativity skills, time keeping, basics of technical knowledge and Professional attitude
- The importance of club activities, particularly about SAE (Society of Automotive Engineers) activities.
- Visualizing a video on 'Tractor design and fabrication' as a motivated force to think in other perspectives outside the curriculum.

Outcomes:

- The students were able to update their knowledge regarding industry expectations.

53

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

ENTREPRENEURSHIP IN PCB DESIGNING AND MAKING CIRCUITS

Date: 03.10.2019 & 04.10.2019
Resource person: Mr. E. Arunvijayan and Team, Pantech Proed Pvt. Ltd., Trichy

Objective of the Program:
- To gain basic concept of PCB design.
- To provide design knowledge with Proteus software.
- Expose the students to practical process of PC board preparation.

Topics Covered:
- Introduction to Proteus software.
- Basic Schematic Circuit Drawing using software.
- Design of Oscillator and Multi vibrator circuits in PCB.

Outcomes:
- Students can able to understand PCB vital role in engineering field.
- Students can able to do the design the circuits with Proteus software.
- Students can able to prepare the designed PCB with raw material.

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

54

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

PRENTICE BAZAR

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

56

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

Date: 12.02.2020)

Organizer: Department of MBA in association with EDC.

Objectives of the Program:

- To help the individuals to develop essential skills required to run a business successfully.

- To help the participants in enhancing their abilities and acquiring skills necessary for fulfilling their roles and responsibilities as an entrepreneur.

- To help the participants to understand the importance of entrepreneurial discipline required to develop a sense of responsibility in them.

Outcomes:

- Through this programme, the budding entrepreneurs are highly-educated but they lack the discipline required to start a business. The program gave a clear picture on the discipline to be followed while running a business entity.

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

3.5 ORGANIZATION OF SEMINARS/STUDENT SEMINAR/ROLE PLAY

KNOWLEDGE ENRICHMENT PROGRAM ON DIGITAL MARKETING

Date: 29.07.2019
Resource person: Mr.Ananthram, Head, Synergy School of Business, Bangalore

Why this Seminar?

There are many facets of traditional marketing and examples might include tangible items such as business cards, print ads in newspapers or magazines. It can also include posters, commercials on TV and radio, billboards and brochures. In modern business, digital marketing play a vital role because most of the people uses social media much more rather than anything else. Digital marketing uses things like websites, YouTube videos, E-mail marketing, banner ads etc. Specifically, digital marketing is similar to traditional advertising, but use digital devices. For the speedy business environment it is needed to learn the concept of Digital Marketing so that a business man can compete in the market and survive in the long run.

About the Seminar:

The Department of Computer Science & Engineering, M.I.E.T. Engineering College, Trichy organized a Seminar "Knowledge Enrichment Program on Digital Marketing" on 29-07-2019 for both the Third year and Final year CSE Students in the Seminar hall. Mr.Ananthram, Head Synergy School of Business school, Bangalore was the key note speaker of the session. He exemplified about the need and significance of Digital marketing. And also he conferred the importance Digital marketing which plays a vital role in today's era. He fashioned awareness among students about the learning of Digital marketing.

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

59

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

INVESTOR AWARENESS PROGRAMME

Date: 29.10.2019
Resource person: Mr.A.Dharmarajan, Branch Manager, Venture Securities Ltd., Trichy

Why this Seminar?

Over the last few years, many investors have been misguided or cheated in the process of investing. In order to protect the investors and raise the awareness levels about the various investment portfolios, the program was organized and it focused to make more investors as possible since savings is so much important in the current scenario. It is very important to establish the purpose for investing.

About the Program:

By this program, an individual can learn why savings are more important and the program is planned to help the participants in setting the objectives for investing their funds. The various investment portfolios have certain factors which may affect the number of investors and volume of investment. Those factors were clearly explained by the resource person and which are as follows:

- o Need for financial goals and financial discipline
- o Impact of Inflation
- o Investment Options (Asset Class) for Individuals
- o Importance of Equity and introduction to Mutual funds
- o Power of compounding & SIPs as an investment vehicle
- o Risk mitigation
- o Do's and Don'ts while investing

In the program, the awareness with regard to investment and the way how to select the investment alternative from the portfolios were discussed.

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

STUDENT SEMINAR ON ORGANISATIONAL BEHAVIOUR

DEPARTMENT OF MANAGEMENT STUDIES

3-10-2019

This is to inform that the following students have been allocated with the mentioned topics to take Seminar on the below mentioned dates. The concerned students are instructed to prepare well on the respective topics and present their views on the day concerned in the hours of Organisational Behaviour as per the Time table.

S.NO	Name of the Student	Topic	Date
1	Abarna. R		
2	Brijith. A		
3	Fathima Farveen. S	Groups in organizations	4-10-2019
4	Karthiga. B		
5	Merin Rishika. A		
6	Nisha. V		
7	Ponmurugeshvari. G	Team building and	
8	Preetha. S	Interpersonal relations	7-10-2019
9	Sumithra. C		
10	Varshika. M.J		

Faculty in-charge

HoD

61

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

DEPARTMENT OF MANAGEMENT STUDIES

08 -10-2019

REPORT ON STUDENTS SEMINAR

Submitted to the Head of the Department

The Seminar was conducted in the mid of the semester on 04.10.2019 and 07.10.2019. The selected meritorious students were informed on 03.10.2019 with the topics allocated. The selected students were come with greater level of enthusiasm on the allocated day of the seminar and they had been given a brief lecture about how to take seminar. The students then moved with their presentation. After some time, the seminar had become a Group Discussion where the participants were discussed about the topic and its relevance in the current scenario. Apart from the regular syllabi a healthy discussion was happened. Through the group discussion the students had also learned how to participate in the forums and they had a better exposure about Team building concept. They discussed about the implementation of Team building in the organizations and relevance of interpersonal relations in an organization. This kind of sessions may help the students to get motivated to read magazines for regular updates in the field of study. As a course in-charge I feel very happy for such a nice seminar that was organized.

Faculty in-charge

(C.Subha)

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

Date: 04.10.2019 & 07.10.2019
Student Seminar, Department of Management Studies

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007

63

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

3.6 SYMPOSIUM

The Management, Director, Principal, HODs, Staff & Students of

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE and Affiliated to Anna University)
NBA ACCREDITED - CSE, EEE & MECH
Trichy - Pudukkottai Main Road, Tiruchirappalli-620007

Cordially invites you for

National Level Technical Symposium

On 22ⁿᵈ February 2020, Saturday
at 10.00 A.M. in the M.I.E.T. Auditorium

Er. A. MOHAMED YUNUS, B.E.,M.Sc.,(Engg).,
Chairman, M.I.E.T Engineering College.

Will preside over the function.

Dr. M. KRISHNAN, M.E., Ph.D
AE, TWAD Board (Maintenance Division), Erode

Will be the chief guest and deliver the inaugural address.

Dr. T. KARTHIKEYAN, M.E., Ph.D
Director (P&D), M.I.E.T. Engineering College.

&

Dr. A. NAVEEN SAIT, M.E., Ph.D
Principal, M.I.E.T. Engineering College.

Will felicitate the gathering

Convener/Civil	Convener/Cse	Convener/ECE	Convener/EEE	Convener/Mech	Convener/S&H
Dr.R.Saravanan	Dr.V.Chandrasekar	Mr.K.Javid	Dr.L.Sureshkumar	Dr.D.Saravanan	Dr.S.Syed Zahirullah

64

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

M.I.E.T ENGINEERING COLLEGE

(Approved by AICTE and Affiliated to Anna University)

NBA ACCREDITED – CSE, EEE & MECH

Trichy – Pudukkottai Main Road, Trichy – 620 007

NATIONAL LEVEL TECHNICAL SYMPOSIUM [22.02.2020]

SYMPOSIUM SCHEDULE		
Inauguration	:	10:00 AM – 11:15 AM
Refreshment	:	11:15 AM – 11:30 AM
Paper Presentation	:	11:30 AM – 01:00 PM
Lunch	:	01:00 PM – 02:00 PM
Events	:	02:00 PM – 04:15 PM
Refreshment		04:15 PM – 04:30 PM
Valedictory	:	04:30 PM – 05:00 PM

Co-ordinator
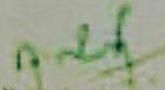
Principal

65

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

M.I.E.T ENGINEERING COLLEGE

(Approved by AICTE and Affiliated to Anna University, Chennai)
NBA ACCREDITED – CSE, EEE & MECH
Trichy – Pudukkottai Main Road, Trichy – 620 007.

NATIONAL LEVEL TECHNICAL SYMPOSIUM [22.02.2020]

AGENDA		
Qirath	:	Z.Ahamed Aakif III/ECE
Tamil Thai Vazhthu		
Welcome Address	:	M.Altheef IV/Mechanical
Director Felictation Address	:	Dr.T.Karthikeyan
Principal Felictation Address	:	Dr.A.Naveen Sait
Chairman Presidential Address	:	Er.A.Mohamed Yunus
Honouring the Guest	:	Chairman
Souvenir Release	:	M.I.E.T Institutions
Introduction of Chief Guest	:	C.Chandhini III/ECE
Chief Guest address	:	Dr. M. Krishnan AE, TWAD Board (Maintenance Division)
Departments Annual Report		
1. Civil Engineering	:	M.Shameer Ahamed IV/Civil
2. Computer Science and Engineering	:	R.Karishma IV/CSE
3. Electronics and Communication Engineering	:	M.Mohamed Imran IV/ECE
4. Electrical and Electronics Engineering	:	R.Mohamed Abdul Malik IV/EEE
5. Mechanical Engineering	:	M.Altheef IV/Mechanical
6. Science and Humanities	:	N.Salman Fardeen I/Mechanical
Conclusion of Inauguration	:	MOC Members

Co-ordinator

Principal

66

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

Date: 22.02.2020

Resource person: Dr. M.Krishnan, AE, TWAD Board (Maintenance Division), Erode

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
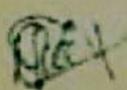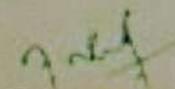Website: www.miet.edu

Ph: 0431 – 2660 303

Why this Symposium?

A symposium is organized to explore various ideas of experts in a given field. In a symposium the students can present papers and participate in events that are to be conducted. They can also discuss the important issues and trends with the expert and make recommendations for a certain course of action. It may have the following benefits:

- Provides an opportunity to the listeners to take decision about the Problem.
- Develops the feeling of co-operation and adjustment.
- increases confidence by creating a chance to present/participate in front of experts

About the Program:

The National Level Technical Symposium was organized by all the Departments of Engineering & the Department of Science & Humanities on 22.02.2020 for the Academic Year 2019-2020. There were a total of 23 events had been organized by the departments. The participants came from various institutions in around Trichy.

The Chief Guests of the function are as follows:

1. Dr. M.Krishnan, AE, TWAD Board(Maintenance Division), Erode – Inaugural Address
2. Dr.S.K.Pandian, Senior Professor, Department of ECE, SASTRA Deemed University, Thanjavur – Department of ECE.
3. Mrs.G.Sangeetha, Agile Coach and Serum Master, HEXAWARE, Chennai – Department of CSE.
4. Dr.V.Rajagopalan, Asst.Professor, Department of Civil Engineering, BIT Campus, Trichy – Department of Civil Engineering
5. Dr.P.Anbalagan, HOD, Department of Electrical and Electronics Engineering, BIT Campus, Trichy – Department of EEE.
6. Dr.T.Parameswaran Pillai, Associate Professor, Department of Mechanical Engineering, BIT Campus, Trichy – Department of Mechanical Engineering.
7. Dr.S.Brahadeeswaran, Professor of Physics & Deputy Director of Anna University BIT Campus, Trichy - Department of Science and Humanities.

The participants were performed with high energy and got more prizes in all the events. It was considered as a remarkable event.

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi,
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

3.7 COMPETITIONS

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

ACADEMIC YEAR: 2019-2020

S.NO	DATE	STUDENT NAME	NAME OF THE PROGRAMME	TITLE OF EVENT	NAME OF THE ORGANIZER	REMARKS
1	7.09.2019	S. Salman baris	Workshop	Digital marketing	Synergy School of Business Skills	Participated
2	7.09.2019	M. Venkatesh	Workshop	Digital marketing	Synergy School of Business Skills	Participated
3	7.09.2019	S. Rashith ahamed	Workshop	Digital marketing	Synergy School of Business Skills	Participated
4	7.09.2019	S. Elangovan	Workshop	Digital marketing	Synergy School of Business Skills	Participated
5	7.09.2019	J. Vijaya kumar	Workshop	Digital marketing	Synergy School of Business Skills	Participated
6	7.09.2019	M. Praveen	Workshop	Digital marketing	Synergy School of Business Skills	Participated
7	7.09.2019	A. Mathew	Workshop	Digital marketing	Synergy School of Business Skills	Participated
8	7.09.2019	S. Satheesh kumar	Workshop	Digital marketing	Synergy School of Business Skills	Participated
9	7.09.2019	T. Ibrahim umarkhan	Workshop	Digital marketing	Synergy School of Business Skills	Participated
10	7.09.2019	G. Vignesh	Workshop	Digital marketing	Synergy School of Business Skills	Participated
11	7.09.2019	A. Mohamed safiullah	Workshop	Digital marketing	Synergy School of Business Skills	Participated
12	7.09.2019	M. Mohamed asik	Workshop	Digital marketing	Synergy School of Business Skills	Participated

69

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

13	7.09.2019	K. S. Bahrathvaj	Workshop	Digital marketing	Synergy School of Business Skills	Participated
14	20.9.2019	M. Mohamed abdullah	Workshop	Mobile application development using phone gap tool	Mount Zion College of Engineering and Technology, Pudukkottai	Participated
15	20.9.2019	J. Sikkandar thulkarnai	Workshop	Mobile application development using phone gap tool	Mount Zion College of Engineering and Technology	Participated
16	20.9.2019	K. Shrimathi	Workshop	Mobile application development using phone gap tool	Mount Zion College of Engineering and Technology	Participated
17	20.9.2019	S. Pushpa rani	Workshop	Mobile application development using phone gap tool	Mount Zion College of Engineering and Technology	Participated
18	20.9.2019	V. Vishva	Workshop	Mobile application development using phone gap tool	Mount Zion College of Engineering and Technology	Participated
19	20.9.2019	S. Sheik jabeer	Workshop	Mobile application development using phone gap tool	Mount Zion College of Engineering and Technology, Pudukkottai	Participated
20	3.10.2019 - 4.10.2019	S. Salman baris	Symosium- SWAP 2k19	Code Reveal	Jamal Mohamed College, Trichy.	Participated
21	3.10.2019 - 4.10.2019	S. Salman baris	Symosium- SWAP 2k19	Word Hunt	Jamal Mohamed College, Trichy.	Runner
22	19.10.19- 20.10.19	S. Salman baris	Workshop	Artificial intelligence with machine learning	NIT ,Trichy	Participated

70

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

23	19.10.19-20.10.19	S. Rashith ahamed	Workshop	Artificial intelligence with machine learning	NIT ,Trichy	Participated
24	4.01.2020	S. Salman baris	Symposium - CART BLANCHE' 20	Numpi	MIT, Anna University, Chennai.	Participated
25	4.01.2020	S. Salman baris	Symposium - CART BLANCHE' 20	Hunt the Code	MIT, Anna University, Chennai.	Participated
26	4.01.2020 - 5.01.2020	S. Rashith ahamed	Symposium - CART BLANCHE' 20	Codesurf, Numpi, Hunt The Code	MIT, Anna University, Chennai.	Participated
27	5.01.2020	S. Salman baris	Symposium - CART BLANCHE' 20	IPL auction, connextions, Math-O-Mania	MIT, Anna University, Chennai.	Participated
28	5.01.2020	S. Salman baris	Symposium - CART BLANCHE' 20	Code Surf	MIT, Anna University, Chennai.	Participated
29	5.01.2020	S. Rashith ahamed	Symposium - CART BLANCHE' 20	IPL auction, connextions, Math-O-Mania	MIT, Anna University, Chennai.	Participated
30	8.1.2020-10.1.2020	S. Sriram kumar	Camp	Entrepreneur ship Awareness Camp	Care School of Business Management, Trichy	Participated
31	8.1.2020-10.1.2020	A. Mathew	Camp	Entrepreneur ship Awareness Camp	Care School of Business Management, Trichy	Participated
32	30.1.2020	S. Rashith ahamed	Symposium - IGLOOKT' 20	Script paper IX	Indra Ganesan College of Engineering, Trichy.	Participated
33	12.2.2020 - 16.2.2020	M. Mohamed abdullah	Workshop	Industry 4.0	College of Engineering, Anna University, Chennai.	Participated

71

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

34	12.2.2020 - 16.2.2020	Z. Mohamed fazil	Workshop	Industry 4.0	College of Engineering, Anna University, Chennai.	Participated
35	20.2.2020	R. Kabil	Workshop	Advanced technologies in power and robotics engineering	Arasu Engineering College, Kumbakonam.	Participated
36	20.2.2020	V. Prasana	Inter national conference	Paper presentation	Arasu Engineering College, Kumbakonam.	Presented paper on machiene learning based DDOS detection.
37	20.2.2020	R. Kabil	Inter national conference	Paper presentation	Arasu Engineering College, Kumbakonam.	Presented paper on machiene learning based DDOS detection.
38	06.3.2020	S. Sriram kumar	Workshop	Bio informatics using PERL	Computer Society of India, Trichy Chapter	Participated
39	6.03.2020 - 7.03.2020	A. Kaviya	Inter national conference	Paper presentation	Velammal Institute of Technology, Chennai	Presented paper on encrypting file sharing and synchroni sation using efficient traitor tracing and revocation.

72

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

40	6.03.2020 - 7.03.2020	S. Anusiya devi	Inter national conference	Paper presentation	Velammal Institute of Technology, Chennai	Presented paper on encrypting file sharing and synchroni sation using efficient traitor tracing and revocation.
41	6.03.2020 - 7.03.2020	R. Nivetha	Inter national conference	Paper presentation	Velammal Institute of Technology, Chennai	Presented paper on encrypting file sharing and synchroni sation using efficient traitor tracing and revocation.
42	10.03.20	T. Jennifer	Symposium - TECH MAESTRO 2020	Techno quiz	Oxford Engineering College, Trichy.	Winner
43	10.03.20	Mohamed abdullah	Symposium - TECH MAESTRO 2020	Techno quiz	Oxford Engineering College, Trichy.	Winner
44	13.03.20	A. K. Ayesha shereen	National conference	Paper presentation	Dhanalakshmi Srinivasan Engineering College, Perambalur.	Presented paper on fetus FEGE monitoring system.
45	13.03.20	K. Gomathi	National conference	Paper presentation	Dhanalakshmi Srinivasan Engineering College, Perambalur.	Presented paper on 2D barcode image processing using SVM

73

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

46	13.03.20	A. Hajara bathool	National conference	Paper presentation	Dhanalakshmi Srinivasan Engineering College, Perambalur.	Presented paper on 2D barcode image processing using SVM
47	13.03.20	J. Megha sushmitha	National conference	Paper presentation	Dhanalakshmi Srinivasan Engineering College, Perambalur.	Presented paper on mutual authenticati on and key agreement service providers for cloud computing environ ments.
48	13.03.20	S. Faisal haq	Symposium - BUGS PYDER 2020	Blind Sliding	Trichy Engineering College, Trichy	Third place
49	13.03.20	S. Faisal haq	Symposium - BUGS PYDER 2020	Quiz	Trichy Engineering College, Trichy	First place
50	13.03.20	R. Karishma	National conference	Paper presentation	Dhanalakshmi Srinivasan Engineering College, Perambalur.	Presented paper on fetus FEGE monitoring system.
51	13.03.20	S. Gayathri	National conference	Paper presentation	Dhanalakshmi Srinivasan Engineering College, Perambalur.	Presented paper on mutual authenticati on and key agreement service providers for cloud computing environ ments.

74

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

52	13.03.20	S. Aswathi	National. conference	Paper presentation	Dhanalakshmi Srinivasan Engineering College, Perambalur.	Presented paper on mutual authenticati on and key agreement service providers for cloud computing environ ments.
53	14.03.20	J. Sikkandar thulkarnai	Symposium - TECXPLO '20	QR-IQ	Moogambigai College of Engineering, Pudukkotai.	Third place
54	14.03.20	J. Prisala	Symposium - TECXPLO '20	QR-IQ	Moogambigai College of Engineering, Pudukkotai.	Third place

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

4. PROBLEM SOLVING METHODOLOGY OF LEARNING:

4.1 MANAGEMENT GAMES

Place: On-Campus of M.I.E.T. Engineering College, Trichy
Date: Every Thursday (Last THREE hours – For MBA Students)

About Management Games

The Learning should always be enjoyable. Listening to a person talk is one of the methods of learning. However, it is less suitable for people who prefer more practical and active in approach. Management games help makes the learning as more interactive, enjoyable and realistic with key learning points to take for the workplace. Games should not be played for the sake of it, or for making the life of a facilitator easier. However, there are many reasons for running management games which include:

- It may simulate real life conditions and so each and everyone will learn how to handle a real time situation.
- It is enjoyable with lots of learning in a short span of time

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

76

M.I.E.T. ENGINEERING COLLEGE

MIET
INSTITUTIONS
Since 1984

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

- It generates interest in the subject and is rich in solving a problem which may arise in the regular life.
- It allows participants to easily interact, socialise, and network with others
- It provides much evidence for the facilitator and participants to debrief and learn from.

Interpersonal skills are the key skills for a manager and it is possible to read about these in a book. But it is mandatory for everyone to learn more about them from a practical activity, where they get feedback from others on the affect that they had on them.

4.2 MANAGEMENT MEET

Topic: "Management Meet"
Date: 06.03.2020
Resource person: MrA.Andrew, Asst. Manager, BHEL, Thirumayam

About Management Meet

In the earlier days college life was entirely about academics and the students mostly focused on attending lectures and writing exams only. But in the recent scenario, the college education is viewed to engage students and prepare them for the real world. For the fulfillment of the said purpose, the colleges and universities are routinely organize college fests and programmes where they encourage students to participate and showcase their latent talent. Students also put in their best efforts to make these college fests and programmes more entertaining and exciting. The fact is that, these multiple cultural events, technical fests, celebrity performances, competitions, partying with friends make the student more confident. These amazing college fests in fact play a significant role in shaping the career of a student in several ways. It may provides Educational benefits, promotes Social interaction and develops Soft skills to the students in an attractive manner.

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: www.miet.edu

Ph: 0431 – 2660 303

4.3 CASE STUDIES

Discussion on Cases
In Regular Classes of MBA Programme

About Case Studies

Most of the students are more inductive than deductive, which mean that they learn better from real examples than from theoretical aspect. In order to satisfy the said kind of students the case studies is considered as an effective classroom technique. A teacher who wants the students to explore how what they have learned applies to real world situations use case study method of teaching.

A major advantage of teaching with case studies is that the students are actively engaged in figuring out the principles by abstracting from the examples. This develops their skills in:

- Problem solving
- Analytical tools, quantitative and/or qualitative, depending on the case
- Decision making in complex situations
- Coping with ambiguities

By this concept, case studies are being used as a methodology of teaching in the higher educational institutions.

PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.