

ENGINEERING COURSES

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Application Ministry of HRD Department of Secondary Education & Higher Education Under CR Act Govt. Of
India)



Electrical Engineering

COURSES	C-DEE Certified - Diploma in Electrical Engineering	C-BDEE Certified Bachelor Diploma in Electrical Engineering	C-PDEE Certified Professional Diploma in Electrical Engineering	C-MPEE Certified Master Professional in Electrical Engineering
Minimum Qualification	SSC	Diploma / HSC	Graduate / Diploma (with work Experience)	Graduate / Diploma (with work Experience)

Subjects Covered	<ul style="list-style-type: none"> • Engg. Mechanics • Engg. Drawing • Basic Electronics • Electrical Engineering • Electronics Instrumentation 	PART -1 <ul style="list-style-type: none"> • Engg. Mechanics • Engg. Drawing PART -2 <ul style="list-style-type: none"> • Basic Electronics • Electrical Engineering PART -3 <ul style="list-style-type: none"> • Electronic Instrumentation • Computers PART 4 <ul style="list-style-type: none"> • Industrial Electronics • Industrial Circuit PART -5 <ul style="list-style-type: none"> • Power Generation • Electric Machines PART -6 <ul style="list-style-type: none"> • Instrumentation • Networks 	PART -1 <ul style="list-style-type: none"> • Engg. Mechanics • Engg. Drawing • Basic Electronics PART -2 <ul style="list-style-type: none"> • Electrical Engineering • Electronics Instrumentation • Computers PART -3 <ul style="list-style-type: none"> Industrial Electronics • Industrial Circuit • Power Generation PART -4 <ul style="list-style-type: none"> • Electric Machines • Instrumentation • Networks 	PART -1 <ul style="list-style-type: none"> • Engg. Mechanics • Engg. Drawing • Basic Electronics PART 2 <ul style="list-style-type: none"> • Electrical Engineering • Electronics Instrumentation • Computers PART 3 <ul style="list-style-type: none"> • Industrial Electronics • Industrial Circuit • Power Generation PART 4 <ul style="list-style-type: none"> • Electric Machines • Instrumentation • Networks • Environmental Engineering
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Total Fees	25,700/-	45,700/-	30,700/-	50,700/-
Duration (Fast Track & Regular rack)	4 months – 1 year	1.5 year – 3 years	6 Months – 1 years	1year – 2 years
Exam Duration	10 Days	10 Days	10 Days	10 Days

IMET-INTEGRATED MANAGEMENT EDUCATIONAL TRUST

Electronics Engineering

COURSE	C-ADEE Certified – Advance Diploma in Electronics Engineering	C-BDEE Certified Bachelor Diploma in Electronics Engineering	C-PDEE Certified Professional Diploma in Electronics Engineering	C-MPEE Certified Master Professional in Electronics Engineering
Minimum Qualification	SSC	Diploma/SSC (with experience)	Graduate / Diploma (with work Experience)	Graduate / Diploma (with work Experience)

Subjects Covered		PART I	PART I	PART I
	• Engg. Mechanics	• Engg. Mechanics	• Engg. Mechanics	• Engg. Mechanics
	• Engg. Drawings	• Engg. Drawings	• Engg. Drawings	• Engg. Drawings
	• Devices & Circuits		• Devices & Circuits	• Devices & Circuits
	• Signals & Systems	S	PART 2	PART 2
	• Digital Integrated Circuits	• Devices & Circuits	• Signals & Systems	• Signals & Systems
		• Signals & Systems	• Digital Integrated Circuits	• Digital Integrated Circuits
		• Data Communication	• Electronics	• Electronics
			• Instrumentation	• Instrumentation
		PART 3	PART 3	PART 3
		• Digital Integrated Circuits	• Data Communication	• Data Communication
		• Electronics	• Industrial Electronics	• Industrial Electronics
		PART 4	• Microwave & Optical Communications	• Microwave & Optical Communications
		• Instrumentation	PART 4	PART 4
		• Industrial Electronics	• Digital Signal Processing	• Digital Signal Processing
		PART 5	• Robotix	• Robotix
		• Microwave & Optical Communications	• Micro Processors	• Micro Processors
		• Digital Signal Processing		
		PART 6		
		• Robotix		
		• Micro Processors		
Total Fees	25,700/-	45,700/-	30,700/-	50,700/-

Duration (Fast Track & Regular rack)	4 months – 1 year	1.5 year – 3 years	6 Months – 1 years	1year – 2 years
Exam Duration	10 Days	10 Days	10 Days	10 Days

IMET-INTEGRATED MANAGEMENT EDUCATIONAL TRUST

Electronics & Communication

COURSES	C-ADEC Certified Advance Diploma in Electronics & Communication	C-BDEC Certified Bachelor Diploma in Electronics & Communication	C-MPEC Certified Master Professional in Electronics & Communication
Minimum Qualification	SSC	Diploma / HSC	Graduate / Diploma (with work Experience)

Subjects Covered	<ul style="list-style-type: none"> Electronics-I • Electrical Principle-I • Electronic Design • Embedded system • Digital System Integration 	PART -1 <ul style="list-style-type: none"> • Electronics'-I • Computer Programming PART 2 <ul style="list-style-type: none"> • Electrical Principal-I • Electrical Design Manufacture & Test PART 3 <ul style="list-style-type: none"> • Electronics'-II • Embedded System PART 4 <ul style="list-style-type: none"> • Electronic Principles-II • Signals Analysis & Control PART -5 <ul style="list-style-type: none"> • Communication System • Digital System Integration PART 6 <ul style="list-style-type: none"> • Real Time System Communication • Project (Communication) 	PART -1 <ul style="list-style-type: none"> • Electronics-I • Computer Programming Electrical Principle-I • Electronics Design Manufacture & Test PART -2 <ul style="list-style-type: none"> • Electronic-II • Embedded System • Electrical Principle-II PART -3 <ul style="list-style-type: none"> • Signal Analysis & Control • Communication Systems • Digital System Integration PART -4 <ul style="list-style-type: none"> • Analogue System Integration • Real Time System Communication • Project (Communication) Electronics-I
Total Fees	25,700/-	45,700/-	50.700/-
Duration (Fast Track & Regular rack)	4 months 1 year	1 year 3 years	1 year 3 years
Exam Duration	10 Days	10 Days	10 Days

IMET-INTEGRATED MANAGEMENT EDUCATIONAL TRUST

Civil Engineering

COURSES	C-ADCE Certified Advance Diploma in Civil Engineering	C-BDCE Certified Bachelor Diploma in Civil Engineering	C-PPCE Certified Professional Program in Civil Engineering	C-MPCE Certified Master Professional in Civil Engineering
Minimum Qualification	SSC	Diploma / HSC	Graduate / Diploma (with work Experience)	Graduate / Diploma (with work Experience)
Subjects Covered	<ul style="list-style-type: none"> • Engg. Mechanics • Engg. Drawing • Elements of Civil Engineering • Building Construction • Surveying • Transportation 	<p>PART -1</p> <ul style="list-style-type: none"> • Engg. Mechanics • Engg. Drawing <p>PART 2</p> <ul style="list-style-type: none"> • Elements of Civil Engineering • Building Construction <p>PART -3</p> <ul style="list-style-type: none"> • Surveying • Transportation <p>PART 4</p> <ul style="list-style-type: none"> • Structures • Computers <p>PART -5</p> <ul style="list-style-type: none"> • Foundation Design • Irrigation Engineering <p>PART 6</p> <ul style="list-style-type: none"> • Cost and Valuation • Steel Structure 	<p>Part -1</p> <ul style="list-style-type: none"> • Engg. Mechanics • Engg. Drawing • Elements of Civil Engineering <p>PART 2</p> <ul style="list-style-type: none"> • Building Construction • Surveying • Transportation <p>PART 3</p> <ul style="list-style-type: none"> • Structures • Computers • Foundation Design <p>PART 4</p> <ul style="list-style-type: none"> • Irrigation Engineering • Cost and Valuation • Steel Structure 	<p>Part -1</p> <ul style="list-style-type: none"> • Engg. Mechanics • Engg. Drawing • Elements of Civil Engineering <p>PART 2</p> <ul style="list-style-type: none"> • Building Construction • Surveying • Transportation <p>PART 3</p> <ul style="list-style-type: none"> • Structures • Computers • Foundation Design • Irrigation Engineering <p>PART 4</p> <ul style="list-style-type: none"> • Cost and Valuation • Steel Structure • Environmental Technology

Total Fees	25,700/-	45,700/-	30,700/-	50,700/-
Duration (Fast Track & Regular rack)	4 months – 1 year	1.5 year – 3 years	6 Months – 1 years	1year – 2 years
Exam Duration	10 Days	10 Days	10 Days	10 Days

IMET-INTEGRATED MANAGEMENT EDUCATIONAL TRUST

Chemical Engineering

COURSES	C-ADCE Certified Advance Diploma in Chemical Engineering	C-BDCE Certified Bachelor Diploma in Chemical Engineering	C-PPCE Certified Professional Program in Chemical Engineering	C-MPCE Certified Master Professional in Chemical Engineering
Minimum Qualification	SSC	Diploma / HSC	Graduate / Diploma (with work Experience)	Graduate / Diploma (with work Experience)

Subjects Covered	<ul style="list-style-type: none"> • Engg. Mechanics • Engg. Drawing • Strength of Materials • Chemical Engineering • Principles & Calculations 	<p>PART -1</p> <ul style="list-style-type: none"> • Engg. Mechanics • Engg. Drawing <p>PART 2</p> <ul style="list-style-type: none"> • Strength of Materials • Chemical Engineering <p>PART -3</p> <ul style="list-style-type: none"> • Principle & Calculation • Heat Transfer <p>PART -4</p> <ul style="list-style-type: none"> • Computers • Polymer Sci. <p>PART 5</p> <ul style="list-style-type: none"> • Chemical Reaction Engg. • Transport Process <p>PART 6</p> <ul style="list-style-type: none"> • Thermodynamics <p>PROJECT</p>	<p>Part -1</p> <ul style="list-style-type: none"> • Engg. Mechanics • Engg. Drawing <p>Part 2</p> <ul style="list-style-type: none"> • Strength of Materials • Chemical Engineering • Principle & Calculations <p>Part 3</p> <ul style="list-style-type: none"> • Heat Transfer • Thermodynamics • Computers <p>Part 4</p> <ul style="list-style-type: none"> • Polymer Sci. • Chemical Reaction Engg. • Transport Process 	<p>Part -1</p> <ul style="list-style-type: none"> • Engg. Mechanics • Engg. Drawing <p>Part 2</p> <ul style="list-style-type: none"> • Strength of Materials • Chemical Engineering • Principle & Calculations <p>Part -3</p> <ul style="list-style-type: none"> • Heat Transfer • Thermodynamics • Computers <p>Part 4</p> <ul style="list-style-type: none"> • Polymer Sci. • Chemical Reaction Engg. • Transport Process • Environmental Engineering
Total Fees	25,700/-	45,700/-	30,700/-	50,700/-
Duration (Fast Track & Regular rack)	4 months – 1 year	1.5 year – 3 years	6 Months – 1 years	1 Year – 2 years
Exam Duration	10 Days	10 Days	10 Days	10 Days

IMET-INTEGRATED MANAGEMENT EDUCATIONAL TRUST

Automobile Engineering

COURSES	C-ADAE Certified Advance Diploma in Automobile Engineering	C-BDAE Certified Bachelor Diploma in Automobile Engineering	C-PPAE Certified Professional Program in Automobile Engineering	C-MPAE Certified Master Professional in Automobile Engineering
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Minimum Qualification	S.S.C	10+2 or Diploma Holder	Graduate or Diploma with work experience	Graduate or Diploma with work experience
Total Fees	25,700/-	45,700/-	30,700/-	50,700/-
Duration	4 months – 1 year	1.5 year – 3 years	6 Months – 1 years	1year – 2 years
Subjects Covered	Eng. Mechanics Automobile Drafting & Drawing Thermodynamics & Hydraulics Materials & Manufacturing Technology Auto Transmission & Mechanism Automobile Electrical Systems	PART-I Automobile Mechanics Automobile Drafting & Drawing PART 2 Thermodynamics & Hydraulics Materials & Manufacturing Technology PART -3 Automobile Engines Auto Transmission & Mechanism PART 4 Fuels & Lubricants Automobile Electrical Systems PART 5 Earth Moving Machinery Automobile Pollution Control Eng. PART 6 Vehicle Air Conditioning	PART-I Eng. Mechanics Automobile Drafting & Drawing Thermodynamics & Hydraulics PART 2 Materials & Manufacturing Technology Auto Transmission & Mechanism PART-3 Automobile Engines Auto Transmission & Mechanism Automobile Electrical Systems PART 4 Earth Moving Machinery Automobile Pollution Control Eng. Vehicle Air Conditioning Tractor & Farm Equipments	PART-I Eng. Mechanics Automobile Drafting & Drawing Thermodynamics & Hydraulics PART 2 Materials & Manufacturing Technology Auto Transmission & Mechanism PART-3 Auto Transmission & Mechanism Automobile Electrical Systems Earth Moving Machinery PART 4 Automobile Pollution Control Eng. Vehicle Air Conditioning Road Transport Organization
Exam Duration	10 Days	10 Days(per part)	10 Days	10 Days

TEXTILE ENGINEERING

COURSES	DTE Diploma in Textile Engineering	GDTE Graduate Diploma in Textile Engineering	PGDTE Post Graduate Diploma in Textile Engineering	MTE Master in Textile Engineering
Minimum Qualification	S.S.C	10+2 or Diploma Holder	Graduate or Diploma with work experience	Graduate or Diploma with work experience
Total Fees	25,700/-	45,700/-	30,700/-	50,700/-
Duration	4 months – 1 year	1.5 year – 3 years	6 Months – 1 years	1year – 2 years
Subjects Covered	Eng. Drawings Eng. Mechanics Strength of Materials Theory of Machines Introduction to Computers Introduction to Textiles	PART-I Elements of Materials Science Textile Fibers Man-Made Production Mgt. and Costing PART-II Eng. Thermodynamic Applied Mechanics Fiber Science Textile Physics Eng. Manufacturing Technology PART-III Fabric Structure Design Analysis Weaving-I Fabric Manufacture-I Yarn Manufacture-I	PART-I Fabric Manufacture-II Yarn Manufacture-II Process Control and Instrumentation Eng. Of Textile Structure Garment Technology PART-II Theory and Design of Textile Machines Textile Production Mgt. and Costing Man-Made Fiber Technology-II Knitting Textile Chemistry Processing Machines	PART-I Unconventional Weaving Eng. Properties of Textile Materials Theory of Textile Structure-I Theory and Design of Spinning Machinery High Speed Computation PART-II Theory of Textile Structure-II Textured Yarn Technology Modern Yarn Production Theory and Design of Weaving Machinery Workshop
Exam Duration	10 Days	10 Days (Per Part)	10 Days	10 Days

IMET-INTEGRATED MANAGEMENT EDUCATIONAL TRUST

Mechanical Engineering

COURSE	C-ADME Certified Advance Diploma in Mechanical Engineering	C-BDME Certified Bachelor Diploma in Mechanical Engineering	C-PPME Certified Professional Program in Mechanical Engineering	C-MPME Certified Master Professional in Mechanical Engineering
Minimum Qualification	S.S.C	10+2 or Diploma Holder with work experience	Graduate or Diploma with work experience	Graduate or Diploma with work experience
Total Fees	25,700/-	45,700/-	30,700/-	50,700/-
Duration	4 months – 1 year	1.5 year – 3 years	6 Months – 1 years	1year – 2 years

		Part I	Part I	Part I
Subjects Covered	• Engg. Mechanics	• Engg. Mechanics	• Engg. Mechanics	• Engg. Mechanics
	• Engg. Drawings	• Engg. Drawings	• Engg. Drawings	• Engg. Drawings
	• Theory of Machines	Part 2	PART 2	PART 2
	• Applied Thermodynamics	• Theory Of Machines	• Theory Of Machines	• Theory Of Machines
	• Strength of Materials	• Applied Thermodynamics	• Applied Thermodynamics	• Applied Thermodynamics
	• Machine elements		• Strength of Materials	• Strength of Materials
		Part 3	Part 3	Part 3
		• Strength of Materials	• Machine Elements	• Machine Elements
		• Machine Elements	• Instrumentation	• Instrumentation
		PART 4	PART 4	PART 4
		• Computers	• Fluid Mechanic	• Fluid Mechanic
		• Instrumentation	• Refrigeration and Air Conditioning	• Refrigeration and Air Conditioning
		Part 5	• Manufacturing	• Manufacturing
		• Fluid Mechanic		
		• Refrigeration and Air Conditioning		
		PART 6		
		• Manufacturing		
		• Environmental Engg		
Exam Duration	10 Days	10 Days (Per Part)	10 Days	10 Days

IMET-INTEGRATED MANAGEMENT EDUCATIONAL TRUST

METALLURGICAL ENGINEERING

COURSES	C-ADME Certified Advance Diploma in Metallurgical Engineering	C-BDME Certified Bachelor Diploma in Metallurgical Engineering	C-PPME Certified Professional Program in Metallurgical Engineering	C-MPME Certified Master Professional in Metallurgical Engineering
Minimum Qualification	S.S.C	10+2 or Diploma Holder	Graduate or Diploma with work experience	Graduate or Diploma with work experience
Total Fees	25,700/-	45,700/-	30,700/-	50,700/-
Duration	4 months 1 year	1.5 year 3 year	6 month 1 year	1 Year 2 year
Subjects Covered	Physical Metallurgy Metallic Materials Material Science and Steel Material Science of Non-Ferrous Metals Mineral Materials	PART-I Physical Metallurgy Metallic Materials PART 2 Material Science and Steel Material Science of Non-Ferrous Metals PART-3 Mineral Materials & Material Science of Mineral Materials Glass Technology, Ceramic Technology PART 4 Inorganic Building Materials Process Technology PART-5 Ferrous Process Metallurgy Non-Ferrous Process Metallurgy, Casting Technology PART-6 Metal Forming, Process & Plant Eng. Process Technology of Metals Physical Metallurgy & Materials	PART-I Physical Metallurgy Metallic Materials PART 2 Material Science and Steel Material Science of Non-Ferrous Metals Mineral Materials PART-3 Mineral Materials & Material Science of Mineral Materials Glass Technology, Ceramic Technology PART 4 Inorganic Building Materials Process Technology Ferrous Process Metallurgy Non-Ferrous Process Metallurgy, Casting Technology	PART-I Physical Metallurgy Metallic Materials PART 2 Material Science and Steel Material Science of Non-Ferrous Metals Mineral Materials PART-3 Inorganic Building Materials Process Technology Ferrous Process Metallurgy PART 4 Non-Ferrous Process Metallurgy, Casting Technology Metal Forming, Process & Plant Eng. Process Technology of Metals Physical Metallurgy & Materials
Exam Duration	10 Days	10 Days (Per Part)	10 Days	10 Days