



# The Institution of Engineers (India)

## Winter 2023 Examination

The Winter 2023 Examinations of Sections 'A' and 'B' shall be conducted from **07 September 2024 to 13 September 2024**.

### DATE OF ONLINE SUBMISSION OF WINTER 2023 EXAMINATION APPLICATION FORM:

Aspiring candidates are requested to apply through IEI **online portal** along with examination fee within the stipulated date mentioned below

<b>LAST DATE OF SUBMISSION</b>	<b>25 AUGUST 2024</b>
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### Examination fee

	<b>For India</b>
	<b>INR</b>
<b>Section A (Diploma), Section A (Non-diploma) &amp; Section B</b>	<b>Rs .3000</b>

### Mode of Payment of Fees

Candidates desire to apply for winter 2023 Examination, should submit the Examination Application **only through online portal available in IEI website [WWW.ieindia.org](http://WWW.ieindia.org)** and make the payment of fees through online payment Gateway.

### PAYMENT THROUGH DEMAND DRAFT WILL NOT BE ACCEPTED

**The competent authority decided to conduct of Winter 2023 Sections A & B examinations in the following centres only. Students of those particular centres, which are being closed, will be allowed to appear in Winter 2023 examinations from any centre where the particular scheme [Only Section A (Diploma)/Section A (Diploma) and Section A (Non-diploma)/Section B] is being conducted.**

S.No.	Centre	S.No.	Centre
1	Delhi	14	Hyderabad
2.	Chandigarh	15	Visakhapatnam
3.	Jammu	16	Bangalore
4	Srinagar	17	Chennai
5.	Kanpur	18	Coimbatore
6.	Varanasi	19	Kozhikode
7.	Dehradun	20	Kochi
8	Jaipur	21	Kolkata
9.	Ahmedabad	22	Bhubaneswar
10.	Mumbai	23	Guwahati
11.	Pune	24	Patna
12.	Nagpur	25	Jamshedpur
13.	Bhopal		



# PROGRAMME OF WINTER 2023 EXAMINATION

DAY / DATE OF EXAMINATION	SESSION	SECTION A		SECTION B									
		NON-DIPLOMA SCHEME	DIPLOMA SCHEME	CHEMICAL ENGINEERING (BRANCH CODE 04)	CIVIL ENGINEERING (BRANCH CODE 05)	COMPUTER SCIENCE AND ENGINEERING (BRANCH CODE 06)	ELECTRICAL ENGINEERING (BRANCH CODE 07)	ELECTRONICS & COMMUNICATION ENGINEERING (BRANCH CODE 08)	MECHANICAL ENGINEERING (BRANCH CODE 11)	MATERIALS & METALLURGICAL ENGINEERING (BRANCH CODE 12)	MINING ENGINEERING (BRANCH CODE 13)	PRODUCTION ENGINEERING (BRANCH CODE 14)	TEXTILE ENGINEERING (BRANCH CODE 15)
FIRST DAY SATURDAY 07.09.2024	10 AM TO 1 PM	AN 201 Fundamentals of Design and Manufacturing	AD 301 Fundamentals of Design and Manufacturing	CH 411 Mass Transfer Operations CH 421 Fuels and Combustion	CV 411 Advanced Structural Analysis CV 421 Principles of Environmental Engineering	CP 411 Graph Theory and Combinatorics CP 421 Parallel Processing	EL 411 Energy Systems EL 421 Advanced Aspects of Electrical Machines	EC 411 Broadcast and Television Engineering EC 421 Digital Hardware Design	MC 423 Analysis and Synthesis of Mechanisms and Machines MC 431 Manufacturing Science	MM 411 Mineral Engineering	MN 411 Advanced Mine Ventilation MN 421 Mine Systems Engineering	PR 411 Manufacturing Science PR 421 Facility Planning, Design and Maintenance	TX 411 Advanced Yarn Manufacture
	2.30 PM TO 5.30 PM				CV 431 Transportation Engineering	CP 431 Pattern Recognition and Image Processing	EL 431 Control Theory	EC 431 Sensors and Transducers	MC 411 Refrigeration and Air-conditioning	MM 432 Welding and Allied Processes	MN 431 Advanced Rock Mechanics	PR 431 Materials Management	TX 421 Advanced Fabric Manufacture and Design
SECOND DAY SUNDAY 08.09.2024	10 AM TO 1 PM	AN 202 Material Science and Engineering	AD 302 Material Science and Engineering	CH 412 Heat Transfer Operations CH 422 Biochemical Engineering	CV 432 Traffic and Transportation Systems	CP 415 Database Management Systems CP 435 Software Engineering	EL 414 Power System Performance	EC 415 Computer Networks and Communication EC 425 Software Engineering	MC 421 Design of Mechanical Systems	MM 412 Fuels, Furnaces and Refractories MM 422 Electrometallurgy and Corrosion	MN 412 Environmental Pollution and Control in Mines MN 422 Economics of Mining Enterprises	PR 425 Work Study and Ergonomics	
	2.30 PM TO 5.30 PM			CH 432 Petrochemical Engineering	CV 425 Waste Management and Environmental Impact Assessment		EL 424 Electrical Power Utilisation EL 434 Instrumentation Systems	EC 432 Industrial Instrumentation and Computer Control	MC 413 Non-conventional Energy Systems MC 433 Tool and Die Design		MN 432 Advanced Methods of Mining	PR 413 Tool and Die Design	TX 431 Advanced Chemical Processing and Finishing
THIRD DAY MONDAY 09.09.2024	10 AM TO 1 PM	AN 203 Computing and Informatics	AD 303 Computing and Informatics	IC 402 Engineering Management									
	2.30 PM TO 5.30 PM			CH 431 Polymer Materials and Technology	CV 412 Design of RCC and Prestressed Concrete Structures CV 422 Environmental Engineering - Processes and Management	CP 412/422 Computer Networks CP 432 Theory of Computation	EL 412/422/432 Power Electronics	EC 413 Microwave Engineering EC 423 IC Design Techniques EC 433 Biomedical Electronics	MC 412 Power Plant Engineering MC 422 Optimisation - Theory and Applications MC 432 Computer Aided Manufacturing		MM 421/431 Polymer Materials and Technology	MN 414/434 Mine Surveying	PR 412/432 Computer Aided Manufacturing PR 422 Project Management
FOURTH DAY TUESDAY 10.09.2024	10 AM TO 1 PM	AN 204 Society and Environment	AD 304 Society and Environment	CH 403 Chemical Reaction Engineering	CV 403 Civil Engineering Materials and Construction Practices	CP 403 Data Structures	EL 403 Power Systems	EC 403 Communication Engineering	MC 403 Mechanics of Solids	MM 403 Metallurgical Thermodynamics and Kinetics	MN 403 Mining Geology and Development of Mineral Deposits	PR 403 Mechanics of Solids	TX 403 Textile Fibres and Testing
	2.30 PM TO 5.30 PM			CH 404 Transport Phenomena	CV 404 Geotechnical and Foundation Engineering	CP 404 Programming Languages	EL 404 Circuit and Field Theory	EC 404 Circuit Theory and Control	MC 434 Manufacturing Automation	MM 404 Extractive Metallurgy	MN 404 Exploitation of Mineral Deposits	PR 404 Manufacturing Automation	TX 404 Yarn Manufacture
FIFTH DAY WEDNESDAY 11.09.2024	10 AM TO 1 PM	AN 205 Mechanical Science		CH 413/423 Mechanical Operations CH 433 Industrial Pollution and Control	CV 413 Design of Steel Structures CV 423 Air Pollution and Its Control CV 433 Town Planning and Urban Development	CP 413/423/433 Operating Systems	EL 413 High Voltage Engineering and Power Apparatus EL 423 Electrical Drives EL 433 Process Control Systems	EC 435 Control Systems	MC 404 Mechanics of Fluids	MM 413 Ferrous Extractive Metallurgy MM 423/433 Advanced Physical Metallurgy	MN 413 Electrical Equipment and Instrumentation in Mines MN 423 Geostatistics MN 433 Mine Planning and Excavation	PR 423/433 Quality Management	TX 413/423 Engineering Design of Textile Structures TX 433 Chemistry and Technology of Man-made Fibres
	2.30 PM TO 5.30 PM	AN 206 Engineering Physics and Chemistry		CH 405 Chemical Engineering Thermodynamics	CV 405 Water Resources Systems	CP 405 Pulse and Digital Circuits	EL 405 Electrical Machines	EC 412 Radar and Antenna Engineering EC 422 Pulse and Digital Circuits	MC 415 Turbomachinery MC 425 Computer Aided Engineering Design MC 435 Production Management	MM 405 Mechanical Behaviour of Materials	MN 405 Mining Machinery and Material Handling	PR 405 Production Management	TX 405 Fabric Manufacture and Design
SIXTH DAY THURSDAY 12.09.2024	10 AM TO 1 PM	AN 207 Engineering Drawing and Graphics		CH 406 Chemical Process Principles	CV 406 Principles of Geoinformatics	CP 406 Computer Architecture	EL 406 Measurements and Control	EC 406 Electronic Circuits	MC 406 Manufacturing Technology	MM 406 Physical Metallurgy	MN 406 Mine Ventilation and Environmental Hazards	PR 406 Manufacturing Technology	TX 406 Chemical Processing and Finishing
	2.30 PM TO 5.30 PM	AN 208 Electronics and Instrumentation		CH 414 Fluid Mechanics CH 424 Chemical Process Technology CH 434 Fertilizer Technology	CV 414 Structural Dynamics CV 424/434 Design of Water and Wastewater Treatment Systems	CP 425 Microprocessors and Microcontrollers	EL 415/425/435 Microprocessors and Microcontrollers	EC 405 Microprocessors and Microcontrollers	MC 405 Thermal Science and Engineering	MM 414 Non-ferrous Extractive Metallurgy MM 424 Materials Characterisation MM 434 Foundry Engineering	MN 424 Quality, Reliability and Safety in Mines	PR 415 Inspection and Product Control PR 424/434 Operations Research	TX 414/424 Textile Machinery and Maintenance TX 434 Energy Conservation, Environmental and Pollution Control
SEVENTH DAY FRIDAY 13.09.2024	10 AM TO 1 PM	AN 209 Engineering Mathematics		CH 415/425/435 Instrumentation and Control	CV 415 Seismic Design of Structures CV 435 Construction Management Systems	CP 414 Artificial Intelligence CP 424/434 Computer Graphics		EC 414 Optical and Satellite Communication EC 424 Solid State Physics and Semiconductor Devices EC 434 Signal Processing	MC 414 Internal Combustion Engines MC 424 Design of Machine Tools	MM 415 Instrumentation and Control MM 425 Ceramic Materials MM 435 Mechanical Working Processes	MN 415/425/435 Mine Management and Legislation	PR 414 Design of Machine Tools PR 435 Operations Planning and Control	TX 415/425/435 Mill Organisation, Process Economics and Quality Control
	2.30 PM TO 5.30 PM	AN 210 Electrical Science		CH 407 Chemical Engineering Equipment Design	CV 407 Analysis and Design of Structures	CP 407 Systems Analysis and Design	EL 407 Design of Electrical Systems	EC 407 Design of Electronic Devices and Circuits	MC 407 Design of Machine Elements	MM 407 Metallurgical Design	MN 407 Geomechanics and Mine Design	PR 407 Design of Machine Elements	TX 407 Design and Mechanisms of Textile Machines

Forenoon Session (FN) : IST 10 AM - 01 PM

**NO CANDIDATE IS ALLOWED AT THE EXAMINATION HALL WITHOUT VALID IEI IDENTITY CARD**

Afternoon Session (AN) : IST 2.30 PM - 5.30 PM