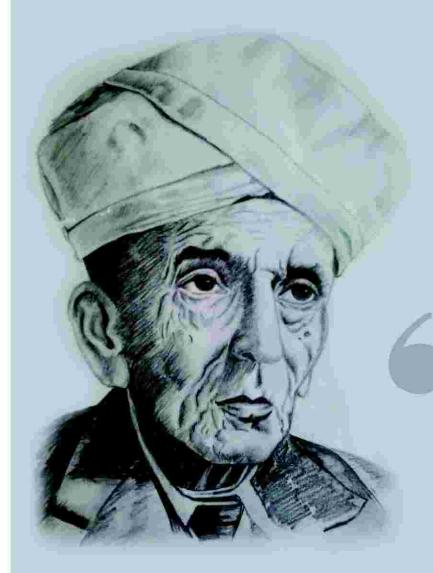


Aspire. Access. Achieve.

The Institution of Engineers (India)

AMIE EXAMINATION PROSPECTUS



Remember the race is for the skilled and the strong, we cannot hope to succeed if we continue to work with antiquated tools and follow old fashion business methods

Sir M. Visvesvaraya

Indian Engineer and scholar whose birthday 15 September is observed and celebrated as Engineers' Day in India

Foreword Foreword Foreword

The Institution of Engineers (India), founded in 1920 and subsequently incorporated by Royal Charter in the year 1935 by Emperor George IV, King of England recognizing it as the Representative Body of Engineers in India, is today the largest body of professional engineers in the country. Among other mandates of the Royal Charter, IEI is vested with the onus to: encourage, regulate and elevate the technical and general knowledge of persons engaged in or about to engage in Engineering or in any employment manual or otherwise in connection therewith and with a view thereto to provide for the holding of classes and to test by examination or otherwise the competence of such persons and to institute and establish professorships, studentships, scholarships, rewards and other benefactions and to grant certificates of competency whether under any Act of the Government of India or Local Governments regulating the conduct and qualifications of Engineers or otherwise howsoever.

Over the last 97 years of its existence, IEI has been entrusted with many crucial roles and responsibilities towards the steadfast uplift of engineering profession. The Institution has been, side by side, going on to contribute immensely towards social engineering. The Institution is also the body that recognized the UG courses of the first ever IIT in India i.e. IIT Kharagpur during 1955-56. Department of Scientific & Industrial Research, Ministry of Science & Technology, GoI has recognized it as a Scientific & Industrial Research Organization (SIRO) on the basis of its contributions in the area of scientific and industrial research.

Further, the Institution has been serving the interest of a large number of working professionals to upgrade their professional skills as well as to facilitate their career enrichment. Many of them cannot afford high tuition fees and other related expenditures that, in turn, make them opt out of the conventional Four- year degree program in engineering. Against this backdrop IEI, under the ambit of its Continuing Education Program, namely AMIE Section A & B Examinations has ensured that they are brought back to the mainstream technical education at par with other engineering graduates. The hallmarks of this course, conducted since 1928, have been 'affordability' and most importantly 'learn while you earn' objective. The course has received the recognitions of the premier government bodies like UGC, UPSC, Bharatiya Reserve Bank, Note Mudran Private Limited, Planning Commission, AICTE along with the IITs, Universities in India and abroad and Public Sector Undertakings. Unlike other non-formal courses, the students are exposed to mandatory lab works and project works under the guidance of vastly experienced professionals.

The AMIE Section A & B curriculum has evolved over the years - designed with unique time relevant pedagogies. The IEI alumni are sieved through an extremely meticulous and stringent evaluation process and thereby expected to possess sound engineering knowledge and skills.

IEI has been playing a crucial role in redefining excellence and setting new benchmarks for quality assessment of the technical education process. It continues to journey successfully as a qualifying body and knowledge driven society over the last nine decades.

About IEI The Institution of Engineers (India)

Bestowed with statutory authority and responsibilities by Royal Charter for promotion of science, practice and business of engineering in all disciplines, IEI is the largest multidisciplinary body of engineers having 8,00,000 members, 15 engineering divisions and interdisciplinary panels, 120 State/Local Centres across the state capitals and towns of industrial and academic importance in the country and five fora & one organ for focused attention in specified areas of activities. Working relentlessly for national development, IEI boasts various membership categories such as Fellow, Member, Associate Member, Senior Technician Member, Technician Member, Student Member and Institutional Member.

IEI, leaveraging its unique legacy as a qualifying body and society engaged in spreading quality professional technical education since 1920, has been conducting the AMIE Examination (Section A and Section B) since 1928 pursuing its continued education programme for skill and knowledge upgradation of working professionals.

The Institution prides itself in being the forerunner of Bureau of Indian Standards, Indian National Academy of Engineers. Interestingly, the Institution accredited IIT Kharagpur, the first IIT in the country in 1956 at the behest of the Government of India.

VISION

To enable practices of ethical ethos and pursuit of professional excellence for engineering fraternity to serve the humanity through inclusive growth.

MISSION

IEI aims to effectively promote the general advancement of engineering, engineering science and technology, and their applications in India, and to facilitate dissemination and exchange of information and ideas amongst the members in the profession and the persons attached to IEI and to extend value based services to the Nation, at all desired levels.

Global Global Global Connect

The Institution of Engineers (India) (IEI) has been playing a leading role at the international level to collaborate with innovative endeavours and to raise the bar in the engineering profession. IEI has five Overseas Chapters and Bilateral Tie-ups with over 30 sister professional societies of international repute in different countries across the world. IEI is the member of various international bodies including the World Federation of Engineering Organizations (WFEO), Federation Internationale du Beton (fib) and Federation of Engineering Institutions of South and Central Asia (FEISCA), and Federation of Engineering Institutions of Asia and Pacific (FEIAP). In a landmark achievement, the Institution has become a full member of the International Professional Engineers Agreement (IPEA) India in 2009. IPEA is an International Recognition Agreement for Professional Engineers, which creates a framework for the establishment of an international standard of competence for professional engineering, and empowers each member organization to maintain an International Professional Engineers (IntPE) Register for their country. The IEI offers IntPE Certification based on a recognized rigorous process.







The Institution is a pioneer in the field of specially-designed *Continued Engineering Education* in the country for working professionals. In 1928, at a time when the education infrastructure in India was measurably inadequate, the Institution with a visionary approach, started conducting AMIE examinations (Sections A and B) in engineering disciplines with only four candidates. Afterwards, as time advanced, the strength went on to increase manifold and at present, nearly 80,000 aspirants appear in the examinations each year. This examination is considered to be one of the oldest engineering examinations in the country and is equivalent to a degree in engineering. The AMIE graduates get the same opportunities for placement as other normal graduate engineers get in various Government organizations like UPSC, UGC, Reserve Bank of India, Public Sector Undertakings and other industries, AICTE-affiliated institutes etc. The AMIE graduates, due to their work experience and practical knowledge have achieved high level of acceptance both in industry and academic institutions across India and abroad.

IEI prides itself on continuously maintaining a very high standard in the AMIE examination system based on academic excellence, practical exposure, rigorous monitoring and an effective evaluation system. And, it has resulted in AMIE alumni having leading positions in industry.

The Examination is a two step process: Section A and Section B, the details of which has been given in this prospectus.

ELIGIBILITY:

FOR AMIE (SECTION 'A' AND SECTION 'B') EXAMINATION

Persons who intend to obtain higher technical education have to enroll with The Institution of Engineers (India) as its Senior Technician / Technician Member.

Section 'A'

- Candidates, under continued educational programme for working professionals, can enroll in two schemes for Section 'A' examination: (a)Section A (Non-diploma): Continued educational programme for working professionals: Persons who have passed 10+2 examination or equivalent with Physics, Chemistry, Mathematics and English with overall 45% in aggregate having professional work experience are admitted as 'Technician (T)' Members of The Institution of Engineers (India).
- (b) Section A (Diploma): Persons who have passed Diploma in recognised branch of engineering with the coverage of English, Physics, Chemistry, Mathematics and Engineering Drawing and Graphics in the respective diploma course are admitted as 'Senior Technician (ST)' members.

Eligibility & Programme Support

Section 'B'

- After passing the Section A examination, Technician/Senior Technician members are permitted to register for Section 'B' examination in an engineering discipline of their choice.
- Persons having B.E./B.Tech/M.E./ M.Tech Degree in Engineering and interested to pass Section B examination in engineering in *other engineering disciplines* as an additional engineering qualification are eligible to register for Section B examination directly.

DISCIPLINES COVERED & STUDY PROCESSES

Engineering Disciplines Covered: At present, Section B Examination is being conducted in the following engineering disciplines:

- Chemical Engineering
- Civil Engineering
- Computer Science and Engineering
- Electrical Engineering
- Electronics and Telecommunication Engineering
- Materials and Metallurgical Engineering
- Mechanical Engineering
- Mining Engineering
- Production Engineering
- Textile Engineering.

COURSE MATERIAL

Well structured course materials are provided to all Technicians/ Senior Technician Members after registration for Section A and Section B Examinations. The course materials are developed by eminent academicians and experienced practicing engineers. IEI leaves no stone unturned to ensure that the study and resources are contemporary, updated and relevant.





CONTACT CLASSES

Contact classes are conducted during evening hours at multiple Centres of IEI to assist the candidates in their studies.

LABORATORY EXPERIMENTS

Laboratory work is mandatory for completion of AMIE Examination. There are currently 32 government engineering colleges- including deemed universities, IITs, NITs and reputed engineering colleges throughout the country extending laboratory facilities to the students to complete their laboratory experiments, in accordance with the prescribed syllabi.

PROJECT WORK

Project work is an essential part of the curriculum with the accent on developing the candidate's ability in application of the engineering and technological concepts, tools and techniques. The project guide is a Fellow or Member of IEI who mentors students in preparing synopsis of the project, project report and monitors the progress of work.

SYLLABUS

AMIE examinations conducted based on well-designed contemporary Syllabi. SEMESTERS

- Sections A & B Examinations are conducted twice in a year in the months of June (Summer Semester) and December (Winter Semester) respectively
- Maximum 4 papers can be covered in one Semester
- Technician Members (Section A Non Diploma) have to pass 10 subjects within 6 years (maximum 12 semesters)
- Senior Technician Members (Section A -Diploma) have to pass 4 subjects within 6 years (maximum 12 semesters)
- In Section B all candidates are required to pass 9 Theoretical Subjects, Laboratory Experiments (at various IIT's/NIT's/Central and State Universities / reputed Engineering Colleges) and Project Work within 6 years (maximum 12 semesters)

EAXMINATION PROCESS, CENTRES & EVALUATION OF ANSWER SCRIPT

- Examinations are conducted presently at 69 State/Local Centres of IEI in India (list is available on IEI website www.ieindia.org) and four Overseas Chapters at Abu Dhabi, Bahrain, Kuwait and Kathmandu
- Roll numbers of all eligible candidates are available on the website at least 10 days prior to commencement of examination and students can download their admit cards

Programme Details

• Robust and full-proof system of examination and International Standards of Coding-decoding is being followed to maintain the confidentiality during evaluation of answer scripts, which are evaluated by reputed academicians predominantly from the IITs and NITs. The answer scripts undergo a 3 level evaluation process. Each answer script is scrutinized before declaration of result.

DECLARATION OF RESULTS

- Grading system is followed while declaration of results
- A candidate is declared pass in an individual subject, if he secures minimum (C' grade (50% marks), failing which he is required to re-appear in that subject
- A candidate is declared pass in Section A as well as in Section B examination if he secures minimum 'C' grade (50% marks) in aggregate
- Results are declared within a stipulated time period as approved by the Council
- Results are placed on IEI website and simultaneously sent to all State/ Local Centres

CERTIFICATE

Technician/Senior Technician Members and other Members completing Sections A & B Examinations successfully are awarded with Degree Certificate during the Convocation held in October / November every year at different locations in the country.





FEE STRUCTURE FOR SECTIONS A & B EXAMINATIONS

SECTION 'A' - DIPLOMA AND NON-DIPLOMA

Item	For India and Nepal (₹)	For SAARC Countries (US \$)	For other Countries (US \$)
Registration charges for Senior Technician Membership (Includes Identity Card, Rules & Syllabus, study material)	5800	460	640
Registration charges for Technician Membership (Includes Identity Card, Rules & Syllabus, study material)	5800	455	615
Examination Fee (per Semester)	3000	225	225

SECTION 'B'

Item	For India and Nepal (₹)	For SAARC Countries (US \$)	For other Countries (US \$)
Registration charges for Senior Technician Members and Technician Members	4800	300	300
Registration charges for Associate Members/ Members/ Fellows appearing in additional branch of engineering	3000	200	200
Examination Fee (per Semester)	3000	225	225
Fee for Laboratory Experiments	7000	400	400
Fee for Project Work	3000	200	200

Additional charges are applicable for services such as Transcript, Verification of Educational Documents and no objection certificate.

FLOWCHART FOR CAREER ENRICHMENT FOR WORKING PROFESSIONALS

Enrollment as Technician Member by a candidate having professional work experience and passed 10+2 examination or equivalent with Physics, Chemistry, Mathematics and English with overall 45% in aggregate



Eligible to appear in Section A (Non-Diploma) in 10 subjects within 6 years (maximum 12 semesters)



After passing ten subjects Section A (Non- Diploma) eligible to register for Section B in any one of 10 Engineering Disciplines



Section B Examination in 10 Engineering Disciplines

Chemical

Civil Materials and Metallurgical

Computer Science and Engineering Mining

Electrical

Electronics and Communications

Mechanical

Production

Textile



In Section B a candidate is required to pass Nine Theoretical Subjects + Laboratory Experiments (at various IITs/NITs/Central and State Universities /Reputed Engineering Institutes) + Project Work (under guidance of reputed engineers and corporate members) within 6 years (maximum 12 semesters)



Passing Sections A & B examinations of The Institution of Engineers (India) is considered as equivalent to Degree in Engineering (B.E./ B. Tech) by Ministry of Human Resource Development, Government of India



Job opportunity at Central Government, Public and Private sector undertakings, Union Public Service Commission, University Grants Commission, IITs, Reserve Bank of India, Indian Institutes of Management, various universities.



Access for admission to postgraduate course through GATE and ' integrated PG Course & PhD being conducted by IITs, NITs, Central Universities, State Universities and other Institutions

FLOWCHART FOR CAREER ENRICHMENT FOR DIPLOMA HOLDERS IN ENGINEERING / TECHNOLOGY

Enrollment as Senior Technician Member by a candidate who is diploma in Engineering



Eligible to appear in Section A (Diploma) in 4 subjects within 6 years (maximum 12 semesters)



After passing 4 subjects Section A (Diploma) eligible to register for Section B in any one of 10 Engineering Disciplines

Corporate Members of IEI are eligible to appear in any one of the 10 engineering disciplines



Section B Examination in 10 Engineering Disciplines

Chemical

Civil

Computer Science and Engineering Electrical

Electronics and Communications

Mechanical

Materials and Metallurgical

Mining Production

Textile



In Section B a candidate is required to pass Nine Theoretical Subjects + Laboratory Experiments (at various IITs/NITs/ Central and State Universities /Reputed Engineering Institutions) + Project Work (under guidance of reputed engineers) within 6 years (maximum 12 semesters)



Passing Sections A & B examinations is considered by Ministry of Human Resource Development, Government of India as equivalent to a Degree in Engineering



Job opportunities at Central & State Governments, Public Sector Undertakings, IITs, Reserve Bank of India, Indian Institutes of Management, various universities as well as Private Sector Companies



Admission to postgraduate course through GATE, integrated PG Course & Ph.D, conducted by IITs, NITs, Central & State Universities and other Institutions

NOMENCLATURE OF SUBJECTS FOR AMIE EXAMINATIONS (SECTIONS A & B) WITH CODE NUMBERS

SECTION 'A' EXAMINATION

Diploma Scheme (Code 3) D 301 Fundamentals of Design and Manufacturing D 302 Material Science and Engineering D 303 Computing and Informatics D 304 Society and Environment
D D D

SECTION 'B' EXAMINATION (Code 4)

CHEMICAL ENGINEERING (Branch Code 04)

Compulsory				
IC 402 Engineering Management				
CH 403 Chemical Reaction Engineering				
CH 404 Transport Phenomena				
CH 405 Chemical Engineering Thermodynamics				
CH 406 Chemical Process Principles				
CH 407 Chemical Engineering Equipment Design				
Optional (Any three from any one Group)				
Group I : Transfer Process	Group II : Process Technology	Group III: Process Industries		
CH 411 Mass Transfer Operations	CH 421 Fuels and Combustion	CH 431 Polymer Materials and Technology		
CH 412 Heat Transfer Operations	CH 422 Biochemical Engineering	CH 432 Petrochemical Engineering		
CH 413 Mechanical Operations	CH 423 Mechanical Operations	CH 433 Industrial Pollution and Control		
CH 414 Fluid Mechanics	CH 424 Chemical Process Technology	CH 434 Fertilizer Technology		
CH 415 Instrumentation and Control	CH 425 Instrumentation and Control			

CIVIL ENGINEERING (Branch Code 05)

Compulsory

IC 402 Engineering Management

CV 403 Civil Engineering Materials and Construction Practices

CV 404 Geotechnical and Foundation Engineering

CV 405 Water Resources Systems

CV 406 Principles of Geoinformatics

CV 407 Analysis and Design of Structures

Optional (Any three from any one Group)

Group I: Structural Engineering

CV 411 Advanced Structural Analysis

CV 412 Design of RCC and Prestressed Concrete Structures

CV 413 Design of Steel Structures

CV 414 Structural Dynamics

CV 415 Seismic Design of Structures

Group II: Environmental Engineering

CV 421 Principles of Environmental Engineering

CV 422 Environmental Engineering - Processes and Management

CV 423 Air Pollution and Its Control

CV 424 Design of Water and Wastewater Treatment Systems

CV 425 Waste Management and Environmental Impact Assessment Group III : Infrastructure and Urban Development

CV 431 Transportation Engineering CV 432 Traffic and Transportation Systems CV 433 Town Planning and Urban Development CV 434 Design of Water and Wastewater Treatment Systems CV 435 Construction

Management Systems

COMPUTER SCIENCE AND ENGINEERING (Branch Code 06)

Compulsory

IC 402 Engineering Management

CP 403 Data Structures

CP 404 Programming Languages

CP 405 Pulse and Digital Circuits

CP 406 Computer Architecture

CP 407 Systems Analysis and Design

Optional (Any three from any one Group)

Group I : Computer Applications

CP 411 Graph Theory and Combinatorics

CP 412 Computer Networks

CP 413 Operating Systems

CP 414 Artificial Intelligence CP 415 Database Management

Systems

Group II: Hardware Engineering

CP 421 Parallel Processing

CP 422 Computer Networks

CP 423 Operating Systems

CP 424 Computer Graphics

CP 425 Microprocessors and Microcontrollers

Group III: Information Technology

CP 431 Pattern Recognition and Image Processing

CP 432 Theory of Computation

CP 433 Operating Systems

CP 434 Computer Graphics

CP 435 Software Engineering

ELECTRICAL ENGINEERING (Branch Code: 07)

Compulsory

IC 402 Engineering Management

EL 403 Power Systems

EL 404 Circuit and Field Theory

EL 405 Electrical Machines

EL 406 Measurements and Control

EL 407 Design of Electrical Systems

Optional (Any three from any one Group)

Group I: Power Systems

EL 411 Energy Systems

EL 412 Power Electronics

EL 413 High Voltage Engineering and Power Apparatus

EL 414 Power System Performance

EL 415 Microprocessors and Microcontrollers Group II : Electrical Machines and Drives

EL 421 Advanced Aspects of

Electrical Machines

EL 422 Power Electronics

EL 423 Electrical Drives

EL 424 Electrical Power Utilisation

EL 425 Microprocessors and Microcontrollers

Group III : Control and Instrumentation

EL 431 Control Theory

EL 432 Power Electronics

EL 433 Process Control Systems

EL 434 Instrumentation Systems

EL 435 Microprocessors and Microcontrollers

ELECTRONICS AND COMMUNICATION ENGINEERING (Branch Code 08)

Compulsory

IC 402 Engineering Management

EC 403 Communication Engineering

EC 404 Circuit Theory and Control

EC 405 Microprocessors

and Microcontrollers

EC 406 Electronic Circuits

EC 407 Design of Electronic Devices and Circuits

Optional (Any three from any one Group)

Group I : Telecommunication Engineering

EC 411 Broadcast and Television Engineering

EC 412 Radar and Antenna Engineering

EC 413 Microwave Engineering

EC 414 Optical and Satellite Communication

EC 415 Computer Networks and Communication Group II : Integrated Circuits and Systems Engineering

EC 421 Digital Hardware Design EC 422 Pulse and Digital Circuits

EC 423 IC Design Techniques EC 424 Solid State Physics and

Semiconductor Devices EC 425 Software Engineering Group III: Control and Instrumentation

EC 431 Sensors and Transducers

EC 432 Industrial Instrumentation

and Computer Control

EC 433 Biomedical Electronics

EC 434 Signal Processing

EC 435 Control Systems

MECHANICAL ENGINEERING (Branch Code 11)

Compulsory

IC 402 Engineering Management

MC 403 Mechanics of Solids

MC 404 Mechanics of Fluids

MC 405 Thermal Science and Engineering

MC 406 Manufacturing Technology

MC 407 Design of Machine Elements

Optional (Any three from any one Group)

Group I: Thermal Engineering

MC 411 Refrigeration and Air-conditioning MC 412 Power Plant Engineering MC 413 Non-conventional Energy Systems MC 414 Internal Combustion Engines MC 415 Turbomachinery

Group II: Engineering Design

MC 421 Design of Mechanical Systems MC 422 Optimisation - Theory and Applications MC 423 Analysis and Synthesis of Mechanisms and Machines MC 424 Design of Machine Tools MC 425 Computer Aided Engineering Design

Group III : Manufacturing Engineering

MC 431 Manufacturing Science MC 432 Computer Aided Manufacturing MC 433 Tool and Die Design MC 434 Manufacturing Automation MC 435 Production Management

MATERIALS AND METALLURGICAL ENGINEERING (Branch Code 12)

Compulsory

IC 402 Engineering Management

MM 403 Metallurgical Thermodynamics and Kinetics

MM 404 Extractive Metallurgy

MM 405 Mechanical Behaviour of Materials

MM 406 Physical Metallurgy MM 407 Metallurgical Design

Optional (Any three from any one Group)

Group I: Extractive Metallurgy

MM 411 Mineral Engineering MM 412 Fuels, Furnaces and Refractories MM 413 Ferrous Extractive Metallurgy MM 414 Non-ferrous Extractive Metallurgy MM 415 Instrumentation and Control

Group II: Material Science

MM 421 Polymer Materials and Technology MM 422 Electrometallurgy and Corrosion MM 423 Advanced Physical Metallurgy MM 424 Materials Characterisation MM 425 Ceramic Materials

Group III: Materials Processing

MM 431 Polymer Materials and Technology MM 432 Welding and Allied Processes MM 433 Advanced Physical Metallurgy MM 434 Foundry Engineering MM 435 Mechanical Working Processes

MINING ENGINEERING (Branch Code 13)

Compulsory

IC 402 Engineering Management

MN 403 Mining Geology and Development of Mineral Deposits

MN 404 Exploitation of Mineral Deposits

MN 405 Mining Machinery and Material Handling

MN 406 Mine Ventilation and Environmental Hazards

MN 407 Geomechanics and Mine Design

Optional (Any three from any one Group)

Group I: Mine Environment MN 411 Advanced Mine Ventilation MN 412 Environmental Pollution and Control in Mines MN 413 Electrical Equipment and Instrumentation in Mines MN 414 Mine Surveying MN 415 Mine Management and Legislation

Group II: Mine Systems
MN 421 Mine Systems
Engineering
MN 422 Economics of
Mining Enterprises
MN 423 Geostatistics
MN 424 Quality, Reliability
and Safety in Mines
MN 425 Mine Management
and Legislation

Group III: Mining Methods and Planning MN 431 Advanced Rock Mechanics MN 432 Advanced Methods of Mining MN 433 Mine Planning and Excavation MN 434 Mine Surveying MN 435 Mine Management and Legislation

PRODUCTION ENGINEERING (Branch Code 14)

Compulsory

IC 402 Engineering Management PR 403 Mechanics of Solids

PR 404 Manufacturing Automation

PR 405 Production Management

PR 406 Manufacturing Technology PR 407 Design of Machine Elements

Optional (Any three from any one Group)

Group I: Manufacturing
Engineering
PR 411 Manufacturing Science
PR 412 Computer Aided
Manufacturing
PR 413 Tool and Die Design
PR 414 Design of Machine Tools
PR 415 Inspection and Product
Control

Group II: Design of Production Systems PR 421 Facility Planning, Design and Maintenance PR 422 Project Management PR 423 Quality Management PR 424 Operations Research PR 425 Work Study and Ergonomics Group III: Operations of Production Systems PR 431 Materials Management PR 432 Computer Aided Manufacturing PR 433 Quality Management PR 434 Operations Research PR 435 Operations Planning and Control

TEXTILE ENGINEERING (Branch Code 15)

Compulsory

IC 402 Engineering Management

TX 403 Textile Fibres and Testing

TX 404 Yarn Manufacture

TX 405 Fabric Manufacture and Design

TX 406 Chemical Processing and Finishing

TX 407 Design and Mechanisms of Textile Machines

Optional (Any three from any one Group)

Group I: Mechanical Processing (Spinning)
TX 411 Advanced Yarn
Manufacture
TX 412 Modern Yarn Production
and Control Systems
TX 413 Engineering Design of
Textile Structures
TX 414 Textile Machinery and
Maintenance
TX 415 Mill Organisation,
Process Economics and Quality
Control

Group II : Mechanical Processing (Weaving and Knitting)

TX 421 Advanced Fabric
Manufacture and Design
TX 422 Non-woven, Knitting and
Industrial Fabrics
TX 423 Engineering Design of
Textile Structures
TX 424 Textile Machinery and
Maintenance
TX 425 Mill Organisation, Process
Economics and Quality Control

Group III: Chemical Processing

TX 431 Advanced Chemical Processing & Finishing TX 432 Garment Technology TX 433 Chemistry and Technology of Man-made Fibres TX 434 Energy Conservation, Environmental and Pollution Control TX 435 Mill Organisation, Process Economics and Quality Control



IEI ALUMNI ASSOCIATION

Unlike other colleges, IEI is a multi-location institution having no single location that otherwise effectively help to develop networks and become a cohesive group. Nonetheless this does not desist the Association to build networks that ceaselessly work towards making the Institution even greater, celebrate others and share all achievements amongst the community. Most of all, as constant learners and mentors, have been in touch with other members for fruitful interactions and activities.

Recognizing this need for bonding, interacting, celebrating, learning and contributing, IEI has provided an appropriate platform through IEI Alumni Association with the following objectives:

To provide a forum for the Alumni of the Institution
To engage in such academic and social activities to contribute towards
promoting liaison between the Alumni and the Institution
To further the cause of Science and Technology
To keep alive love, spirit, effection and gratitude for our almost mater

To keep alive love, spirit, affection and gratitude for our alma mater
To recognize the specific contributions of Alumni to the society and
engineering fraternity

To interact with students to help them integrate well with IEI more easily and improving mentor-mentee relationships

Alumni Association is also engaged in hosting numerous events, programs, graduation ceremonies and volunteer opportunities both locally, nationally and across IEI.





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