



"95 Years of Relentless Journey towards Engineering Advancement for Nation-building"

Gujarat State Center

STUDENTS' GUIDE

for

AMIE

Bhaikaka Bhavan, Near Law Garden, Ahmedabad 380009



079 26400811



11 am to 6 pm Monday--Friday
11 am to 1.30 pm Saturday



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IeiGsc

Becoming an AMIE recognises your skills

Achieving AMIE marks you out as a skilled professional. Customers – and the public more widely – are likely to have a higher level of confidence. You will:

- Gain a professional title that recognises your hard work and expertise
- Enhance your employability
- Higher earning potential
- Stand out from the crowd
- Enjoy greater influence within your organisation
- Enhanced status leading to higher self esteem
- Have access to life-long learning resources

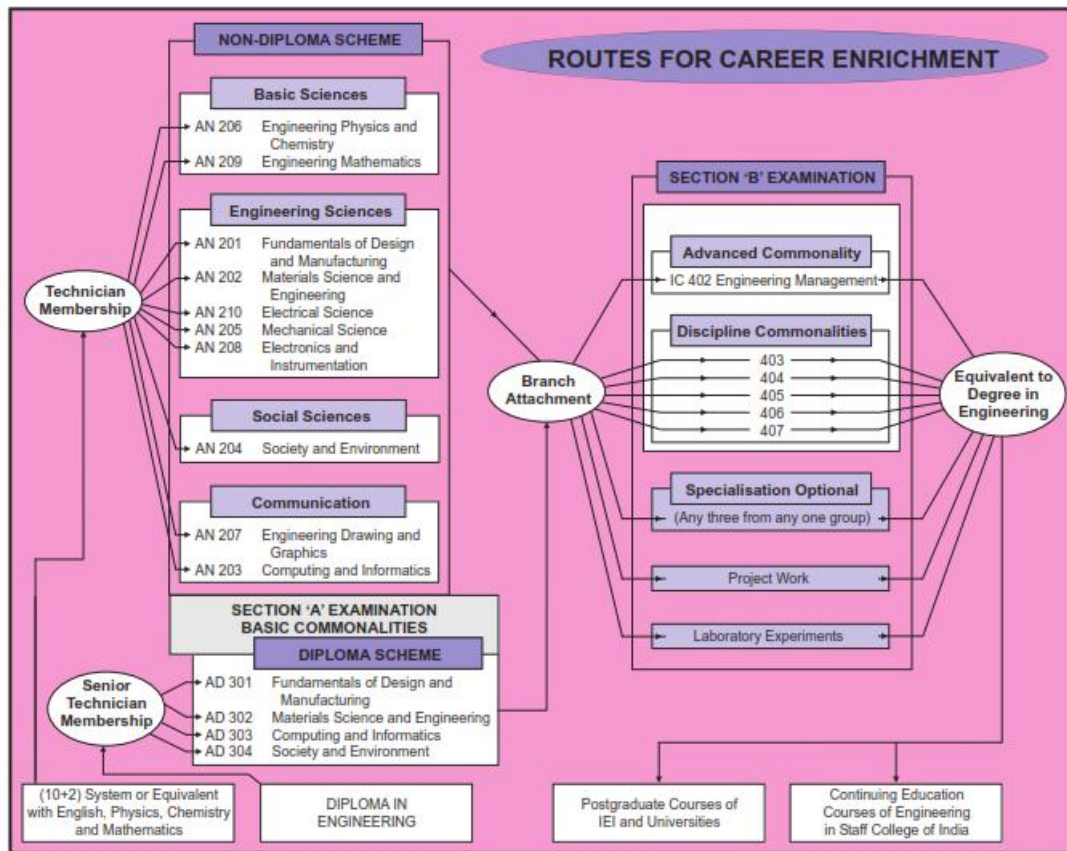
Serious about your career in engineering?

- ✧ Are you responsible for supervising staff or managing technical projects, with knowledge of how to apply safe systems of working?
- ✧ Do you make a valuable contribution to the design, development, manufacture, commissioning, decommissioning, operation or maintenance of products, equipment, processes or services?

If so, then you should be seriously thinking of gaining the professional AMIE degree.

Engineering Technicians are concerned with applying proven techniques and procedures to the solution of practical engineering problems. They carry supervisory or technical responsibility, and are competent to exercise creative aptitudes and skills within defined fields of technology. Professional Engineering Degree like AMIE contributes to the design, development, manufacture, commissioning, decommissioning, operation or maintenance of products, equipment, processes or services.

Career Enrichment



General Information About AMIE Examinations

Only members of The Institution of Engineers(India) are permitted to appear at the examinations conducted by the Institution in conformity with their eligibility and qualifications. The Institution conducts the following examinations :

Section A (Non-Diploma Stream)

Section A (Diploma Stream)

Section B

in the following branches of engineering :

Chemical Engineering

Civil Engineering

Computer Science & Engineering

Electrical Engineering

Electronics and Communication Engineering

Materials and Metallurgical Engineering

Mechanical Engineering

Mining Engineering

Production Engineering

Textile Engineering

In addition to the above examinations, the Council of the Institution may introduce

Section B examination in one or more of the following branches of engineering :

Aerospace Engineering
Agricultural Engineering
Architectural Engineering
Environmental Engineering
Marine Engineering

The Institution Examinations are held twice a year, generally in June and in December — termed as SUMMER and WINTER Examination. The exact dates of examinations, the programmes thereof and the period of submission of examination application forms shall be notified and displayed at the Center.

ELIGIBILITY & DETAILS OF EXAMINATIONS

SECTION A (NON-DIPLOMA STREAM) EXAMINATION

Technician members enrolled with the Institution are eligible to apply for appearance in the Institution examination within the stipulated period. The enrolment includes registration for examination in Section A (Non-diploma). A candidate shall be required to pass in 10 (ten) subjects.

SECTION A (DIPLOMA STREAM) EXAMINATION

Senior Technician members enrolled with the Institution are only eligible to apply for appearance in the Institution examination within the stipulated period. The enrollment includes registration for examination in Section A (Diploma).

A candidate shall be required to pass in 4 (four) subjects. A candidate may be required to qualify in less number of subjects provided such a candidate, in consideration of his academic credentials, is given exemption in one or more subjects by the Institution.

SECTION B EXAMINATION

Technician/Senior Technician members enrolled with the Institution who have passed Section A of the Institution Examination or any other examination recognised by the Council as exempting therefrom OR Associates and corporate members, who have passed Sections A & B of Institution Examinations in one branch of engineering or secured exemption therefrom for appearing in another branch of engineering, are only eligible to apply for appearance in the Institution examination within the stipulated period.

A candidate shall be required to qualify in 9 (nine) subjects — 6 (six) compulsory and 3 (three) optional, except in Marine Engineering branch, where a candidate is required to pass in 10 (ten) compulsory subjects and 1 (one) optional subject, out of the two.

COURSE STRUCTURE FOR SECTIONS 'A' AND 'B' EXAMINATIONS

DEVELOPMENT OF COURSE STRUCTURE

The generalized commonalities of the programme, which are prerequisite for developing scientific mind and engineering attitude, are first identified and classified as Basic Commonalities. A global outline for developing professional expertise around a common theme is identified next. This is classified as

Advanced Commonalities. The discipline-wise commonalities are developed next, followed by specialization in each discipline.



BASIC COMMONALITIES

A student of engineering is required to have Adequate knowledge of basic sciences, Adequate knowledge and application of engineering sciences, Appreciation of environment and society on engineering activities, and Adequate communication skill to communicate with engineering process, people and machine. **The subjects to cover the above fields are broadly as under :**



A course structure identified as Section 'A', common for all disciplines and based on the above considerations, has been evolved.

ADVANCED COMMONALITIES

The course structure for each discipline in Section 'B' have one common subject -- Engineering Management -- except Marine Engineering discipline.

DISCIPLINE COMMONALITIES AND SPECIALIZATION

The various task groups of each discipline developed the course structure for that particular discipline, keeping the discipline commonalities confined to five papers and specialization to three papers from one of the optional groups.

The course structure and syllabi of 15 engineering disciplines have been divided into two parts -- engineering disciplines in which Section 'B' examination are being conducted at present, followed by engineering disciplines in which Section 'B'

examinations are not being conducted.

Recognitions of Institution Examinations

MHRD MHRD Notification recognising “following 15 courses of Sections A & B Examinations as revised, conducted by The Institution of Engineers (India), 8 Gokhale Road, Kolkata as equivalent to bachelor’s degree in the appropriate branch of engineering of the recognized universities of India....”

UPSC UPSC recognised AMIE.

UGC UGC recommends Sections A & B pass students for postgraduate studies in any Indian University.

Government of India Ministry of Education and Social Welfare, Government of India’s acceptance of Sections A and B as equivalent to a bachelor’s degree in the appropriate field of engineering.

IIM Indian Institute of Management, Ahmedabad accepts Sections A & B passed students for admission to the Postgraduate Programme.

IIT Indian Institute of Technology, Bombay accepts Sections A & B passed students for admission to the Postgraduate Programme.

AICTE AICTE approval does not apply for AMIE. The equivalence of AMIE is approved by Board of Assessment, Ministry of Human Resource Development, Govt. of India, and by The Association of Indian Universities for employment and academic equivalence.

DEC Recognition of passing Sections A & B Examinations does not come under the purview of Distance Education Council.

UK The National Recognition Information Centre of United Kingdom recognised Sections A and B of The Institution of Engineers (India) as comparable to British Bachelor (Honours) degree standard.

USA Evaluation World LLC., Credential Evaluation Service, USA has evaluated Section A and B of the Mechanical Engineering Branch of The Institution of Engineers (India), India and has found it equivalent to a bachelor of Science in Mechanical Engineering from a regional Accredited College or University in the United States of America.

AUSTRALIA Australia accepts Sections A & B pass students as Engineering Professionals for employment.

COEPP, Bahrain The Committee for Organizing Engineering Professional Practice (COEPP), Bahrain recognized Sections A and B examinations of The Institution of Engineers (India) in different engineering disciplines as equivalent to a normal Bachelor of Engineering degree of an accredited Indian University.

For appearing in the examination please log in to our website for downloading the appropriate form.Or else visit the center nearest to you.