

ELIGIBILITY FOR VARIOUS CLASSES OF MEMBERSHIP (Technician and Senior Technician Members)

1. TECHNICIAN MEMBERS

1.1 Every candidate for election as a Technician Member shall satisfy the Council that he possesses the following:

(a) *Age*

He shall have attained the age of 17 (seventeen) years on the date of his application for election.

(b) *Educational Qualification*

He shall possess an educational qualification recognised by the Council as given in Appendix I.

(c) *Academic Training*

He shall, in the opinion of the Council, be making satisfactory progress in the acquisition of qualification for corporate membership.

2. SENIOR TECHNICIAN MEMBERS

2.1 Every candidate for election as a Senior Technician Member or transfer from Technician Member to Senior Technician Member shall satisfy the Council that he possesses the following :

(a) *Age*

He shall have attained the age of 18 (eighteen) years on the date of his application for election or transfer.

(b) He shall be engaged in the engineering profession as a pupil or apprentice or assistant under a Corporate Member and shall, in the opinion of the

Council, be making satisfactory progress in the acquisition of qualification for corporate membership provided that temporary unemployment is no bar to his election.

(c) *Examination*

He shall have passed either (a) an accredited diploma examination in engineering or technology or its equivalent as recognised by the Council or (b) such other examination recognised by the Council as exempting from passing Section A (Non-diploma) Examination of the Institution.

2.2 Educational Qualification

(a) Candidates, who have passed an examination as listed in Appendix II (Part I), shall be eligible to apply for Senior Technician membership.

(b) Candidates, who possess any qualification as listed in Appendix II (Part II), shall be eligible to apply for Senior Technician membership, claiming complete exemption from Section A Examination of the Institution.

3. FOREIGN QUALIFICATIONS

Engineering qualifications from abroad are not listed in Appendices II and III, but holders of such qualifications may also apply for admission to appropriate class of membership and the case will be considered on an individual merit after ascertaining the standard of the qualifications from the national society of engineers of the countries concerned.

EDUCATIONAL QUALIFICATIONS FOR TECHNICIAN MEMBERSHIP

Candidates, who have passed 10+2 level or having passed any of the following examinations in English and secured at least 45% marks in aggregate as well as 45% marks in aggregate in science subjects (Physics, Chemistry and Mathematics), shall only be eligible to apply.

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|---|---|
| 1. Intermediate Science Examination with English, Mathematics, Physics and Chemistry. | 11. Vocational Higher Secondary Course from Directorate of Vocational Higher Secondary Education, Kerala. |
| 2. Bachelor of Science Examination with Mathematics, Physics and Chemistry. | 12. Senior Secondary School Certificate from National Institute of Open Schooling, New Delhi. |
| 3. Passing of the first year examination or promotion to the second year of a three-year Bachelor's degree course with any one of the subjects : Mathematics or Physics or Chemistry, provided the candidate has passed the Pre-university or 10+2 or an equivalent examination with English, Mathematics, Physics and Chemistry. | 13. Diploma in (i) Diesel Mechanics, (ii) Electrical Instrument Mechanics, (iii) Vocational Training for Fitter conducted at Sumant Moolgaonkar Engineering Institute, Kymore (MP). |
| 4. Passing of the two-year course (10 + 2 + 3 system) with English, Mathematics, Physics and Chemistry, conducted by any State Board of Higher Secondary Education or recognised Indian University after 10 years of school education. | 14. Diploma in Surface Coating Technology conducted by Board of Technical Examinations, Maharashtra. |
| 5. Pre-professional Examination in Engineering or the passing of the first year examination of five-year integrated course in Engineering. | 15. Certificate of Vocational Education Examination in Telecommunication Engineering Technician conducted by the Council for Indian School Certificate Examination. |
| 6. Pre-engineering Examination. | 16. Intermediate Vocational Course in (i) Automobile Engineering Technician, (ii) Road and Buildings Construction Technician, and (iii) Construction Technology conducted by Board of Intermediate Education, Andhra Pradesh. |
| 7. Board of Apprenticeship Training admission Examination, West Bengal. | 17. Vocational Course in Electronic Repair Technician conducted by Goa Board of Secondary & Higher Secondary Education. |
| 8. B. Arch. Preliminary Examination of Calcutta University. | 18. Auto Engineering Technician course conducted by Maharashtra State Board of Secondary & Higher Secondary Education, Pune. |
| 9. Passing of first year examination of B.Tech. Ed. of Regional College of Education, Ajmer. | 19. Vocational Higher Secondary course from Board of Higher Secondary Examinations, Tamil Nadu. |
| 10. Passing of two-year course of Indian Military Academy/ National Defence Academy, Khadakvasla and Dehradun. | 20. Vocational course in Rural Engineering Technician from Board of Intermediate Education, Andhra Pradesh. |

EDUCATIONAL QUALIFICATIONS FOR SENIOR TECHNICIAN MEMBERSHIP

Part I

(If there is no footnote with reference to an accepted qualification, it was accepted by the Council from the first year of its award)

ALL-INDIA COUNCIL OF TECHNICAL EDUCATION

National Certificate Examination in

Civil Engineering
Electrical Engineering
Mechanical Engineering

NATIONAL COUNCIL FOR RURAL HIGHER EDUCATION

Diploma in

Civil and Rural Engineering

STATE BOARD OF TECHNICAL EDUCATION AND TRAINING, ANDHRA PRADESH +

L.A.E.
L.C.E¹
L.E.E¹
L.E.C.E²
L.M.E^{1,3}
L.Met.E.
L.Min.E.
L.R.E.
L.T.E.

Diploma in

Applied Electronics & Instrumentation Engineering
Architectural Engineering⁴
Biomedical Engineering
Ceramic Technology
Chemical Engineering⁶
Chemical Engineering (Sandwich) (Spl. in Oil Technology)
Chemical Engineering (Spl. in Plastic & Polymer)
Chemical Engineering (Spl. in Petrochemicals)
Civil Engineering
Computer Engineering
Electrical and Electronics Engineering⁵
Electrical and Electronics Engineering
Electronics & Communication Engineering
Electronics Instrumentation Engineering
Food Technology⁶
Leather Technology
Mechanical Engineering
Mechanical Engineering (Refrigeration & Air-cond.)
Sugar Technology⁶
Textile Technology⁶
TV and Sound Engineering

Special Diploma Course in

Electronics (Spl. in Computer Engineering)
Electronics (Spl. in Communication Engineering)
Electronics (Spl. in Industrial Electronics and Instrumentation)

Special Diploma Courses (otherwise known as Model Diploma Courses for Technicians in Electrical Engineering/Electronics)

STATE COUNCIL FOR TECHNICAL EDUCATION, ARUNACHAL PRADESH

Diploma in

Civil Engineering
Computer Science & Engineering

STATE COUNCIL FOR TECHNICAL EDUCATION, ASSAM

Diploma in

Agricultural Engineering
Architectural Assistantship
Automobile Engineering
Civil Engineering¹
Chemical Engineering
Computer Engineering
Electrical Engineering
Electronics and Telecommunication Engineering
Instrumentation Engineering
Instrumentation Technology
Mechanical Engineering¹
Textile Technology
Textile Chemistry & Design

STATE BOARD OF TECHNICAL EDUCATION, BIHAR

Diploma in

Agricultural Engineering
Automobile Engineering
Ceramic Engineering
Chemical Engineering
Civil Engineering^{1,7,8}
Computer Science & Engineering
Electrical Engineering^{1,7,8}
Electronics and Communication Engineering
Electronics Instrumentation & Control
Mechanical Engineering^{1,7,8}
Mining and Mine Surveying
Textile Technology & Textile Design
Open Cast Mines & Machinery
Polymer Engineering
Printing Technology & DTP
Production Engineering
Rural Engineering
Textile Technology

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1. Four-year part-time course is also recognised.
 2. Changed to Diploma in Electronics and Communication Engineering from 1977-78.
 3. Sandwich course is also recognised.
 4. Formerly Diploma in Architectural Assistantship till 1990.
 5. Formerly Diploma in Electrical Engineering.
 6. Sandwich diploma is also recognised.
 7. Obtained after course of study of two-years or more. Candidates who passed the two-year course must possess minimum admission qualification I.Sc. with Physics, Chemistry and Mathematics or its equivalent.
 8. Candidates who passed the two-year Diploma qualification must possess minimum Higher Secondary with Physics, Chemistry and Mathematics.
- + Correspondence-cum-Contact Courses (C.C.C.) are also recognised provided regular diploma courses in same disciplines are accredited.

BOARD OF TECHNICAL EDUCATION, DELHI*Diploma in*

Architectural Assistantship
 Automobile Engineering
 Civil Engineering⁹
 Civil and Rural Engineering
 Chemical Engineering
 Computer Engineering
 Construction Engineering
 Digital Electronics
 Electrical Engineering⁹
 Electronics Engineering
 Electronics (Spl. in Digital Electronics & Microprocessor System Design)
 Electronics (Spl. in Medical Electronics)
 Electronics and Communication Engineering¹⁰
 Electronics and Electrical Communication Engineering^{10*}
 Instrumentation and Control
 Mechanical Engineering⁹
 Mechanical Engineering (Spl. in Maintenance Engineering)
 Plastic Technology
 Pharmacy
 Production Engineering
 Public Health and Environmental Engineering
 Tool and Die Making

Post Diploma in

Advance Manufacturing Technology
 Industrial Engineering
 Petrochemical Engineering

BOARD OF TECHNICAL EDUCATION, GOA^{10A, 10B}*Diploma in*

Automobile Engineering
 Civil Engineering
 Civil Engineering (Construction Technology)
 Computer Engineering
 Construction Engineering
 Electrical Engineering
 Electrical & Electronics Engineering
 Electronics Engineering
 Electronics Engineering (Marine)
 Electronics & Communication Engineering
 Fabrication Technology and Erection Engineering
 Food Technology
 Industrial Electronics
 Instrumentation & Control
 Instrumentation Engineering
 Mechanical Engineering
 Mechanical Engineering (Spl. in Heat Power)
 Mechanical Engineering (Spl. in Material Handling)
 Mechanical Engineering (Spl. in Refrigeration and Air Conditioning)
 Medical Electronics
 Mining Engineering
 Mining and Mine Surveying

Production Engineering
 Shipbuilding Engineering

TECHNICAL EXAMINATIONS BOARD, GUJARAT¹¹*Diploma in*

Architectural Assistantship
 Automobile Engineering¹²
 Ceramic Technology
 Civil Engineering⁹
 Chemical Engineering
 Chemical Engineering (Sandwich)¹³
 Computer Engineering¹⁴
 Construction and Structure
 Electrical Communication Engineering
 Electrical Engineering⁹
 Electrical Technology
 Electronics Engineering
 Electronics and Communication Engineering¹⁵
 Electronics, Sound and TV Engineering¹⁶
 Fabrication Technology
 Instrumentation and Control
 Information Technology
 Internal Combustion Engineering
 Man-made Fibres Fabrics
 Man-made Fibres Wet Processing
 Mechanical Engineering⁹
 Mechatronics Engineering
 Mechanical and Electrical Engineering
 Metallurgy
 Mining Engineering
 Plastic Engineering
 Power Electronics
 Printing Technology
 Radio Technology
 Textile Chemistry
 Textile Manufacture
 Textile Manufacturing Technology¹⁷
 Textile Processing Technology¹⁷
 Transportation Engineering
 Water Resources Engineering

STATE BOARD OF TECHNICAL EDUCATION, HARYANA*Diploma in*

Agriculture Engineering
 Architectural Assistantship
 Automobile Engineering
 Ceramic Engineering
 Civil Engineering
 Chemical Engineering
 Chemical Engineering (Spl. in Pulp and Paper Technology)
 Computer Engineering
 Electrical Engineering¹⁸
 Electronics and Communication Engineering
 Electronics and Television Engineering
 Electronics and Video Engineering
 4-yr Post-diploma in Computer Engineering^{18A}
 4-yr Post-diploma in Mechanical Engineering^{18A}
 Instrumentation & Control
 Information Technology
 Mechanical Engineering¹⁸
 Mechanical Engineering (Spl. in Tool & Die Making)

9. Part-time courses are also recognised.

10. Formerly Electronics and Electrical Communication Engineering and Electrical Communication Engineering, respectively. Four-year part-time course is also recognised.

10*. Part-time course of 4-year duration is recognised.

10A. Diploma courses under Multi Point Entry, Exit and Credit System also recognised.

10B. Formerly Board of Technical Examination, Goa.

11. 4 Year Diploma Course in Distance Learning Mode also recognised.

12. Conducted on Sandwich-base since 1970.

13. Formerly Diploma in Technician in Chemical Industry.

14. Formerly Diploma in Computer Technology prior to July 1992.

15. Formerly Diploma in Electronics and Radio Engineering.

16. Formerly Diploma in Electronics and Sound Engineering.

17. Diplomas in 'Man-made Fibres Fabrics' and 'Textile Manufacture' and Diplomas in 'Man-made Fibres Wet Processing' and 'Textile Chemistry' have been merged and renamed as 'Textile Manufacturing Technology' and 'Textile Processing Technology', respectively since August 1991.

18. Four-year sandwich course is also recognised.

18A. Both exempted from Section A Examination

Mechanical Engineering (Spl. in Metallurgy and Production Engineering)
 Plastic Technology
 Production Engineering^{18A}
 Production Engineering and Industrial Management
 Pulp and Paper Engineering
 Textile Technology
 Textile Processing
 Textile design

Sandwich Diploma in

Chemical Engineering (Spl. in Paper and Pulp Technology)
 Industrial Electronics & Instrumentation
 Plant Maintenance

HIM TAKNIKI SHIKSHA BOARD, HIMACHAL PRADESH

Diploma in

Architectural Assistantship
 Automobile Engineering
 Civil Engineering
 Computer Engineering
 Electrical Engineering
 Electronics and Communication Engineering
 Instrumentation Engineering
 Mechanical Engineering

BOARD OF TECHNICAL EXAMINATIONS, KARNATAKA

L.C.E.
 L.E.E.⁹
 L.M.E.⁹
 L.Met.E.

Diploma in

Architecture
 Architectural Assistantship
 Automobile Engineering¹⁹
 Ceramics Technology
 Chemical Engineering
 Civil Engineering (Draughtsmanship)
 Civil Engineering (Public Health Engineering)
 Computer Science
 Computer Science and Engineering
 Electrical & Electronics Engineering
 Electronics and Communication Engineering^{9,26}
 Horological Engineering
 Information Science & Engineering
 Instrumentation and Control²²
 Information Technology
 Leather Technology
 Mechanical Engineering (Heat Power Technology)
 Mechanical Engineering (Instruments)
 Mechanical Engineering (Machine Tool Technology)
 Mechanical Engineering (Welding & Sheet Metal)
 Mechatronics Engineering
 Mining and Mine Surveying²⁰
 Paper Technology
 Plastic Technology²⁴
 Printing Technology²³
 Rubber Technology²⁴
 Sound Recording and Engineering²⁵
 Sugar Technology
 Telecommunication Engineering
 (Electronics/Telecommunication)²¹
 Textile Technology
 Tool and Die Making

STATE BOARD OF TECHNICAL EDUCATION, JAMMU AND KASHMIR

Diploma in

Architectural Assistantship
 Automobile Engineering
 Civil Engineering
 Computer Engineering
 Computer Science & Engineering
 Electrical Engineering
 Electronics & Communication Engineering
 Industrial Electronics and Instrumentation
 Information Technology
 Mechanical Engineering
 Medical Electronics
 Public Health Engineering (Civil)
 Textile Designing (with Physics, Chemistry & Mathematics at 10+2 level)

STATE BOARD OF TECHNICAL EDUCATION, JHARKHAND

Diploma in

Civil Engineering (Rural Technology)
 Computer Engineering
 Computer Application Engineering
 Computer Science and Engineering
 Electronics Instrumentation and Control
 Environmental and Pollution Control
 Information Technology
 Mechanical Design and Drafting
 Mining Engineering
 Sugar Technology

BOARD OF TECHNICAL EDUCATION, KERALA

Diploma in

Architectural Engineering
 Automobile Engineering
 Applied Electronics
 Biomedical Engineering
 Chemical Engineering
 Chemical Technology²⁷
 Civil Engineering⁹
 Civil and Rural Engineering
 Computer Engineering
 Computer Hardware Maintenance
 Electrical Engineering⁹
 Electrical & Electronics Engineering (with Physics, Chemistry & Mathematics at 10+2 level)
 Electronics⁹
 Electronics and Avionics
 Electronics Engineering (Power Electronics)
 Electronics & Communication Engineering
 Electronics & Instrumentation Engineering
 Electronics Production Technology
 Instrument Technology
 Mechanical Engineering⁹
 Medical Electronics
 Medical Instrumentation
 Polymer Technology
 Power Electronics
 Quantity Surveying and Construction Management
 Telecommunication Technology
 Textile Technology
 Tool & Die Engineering
 Wood Technology

18A. Sandwich Diploma is also recognised.

19. Formerly Diploma in Mechanical Engineering (AT).

20. Formerly L. Min. E.

21. Formerly (i) Diploma in Radio Engineering, (ii) Diploma in Telecommunication Engineering (Electronics).

22. Formerly Diploma in Instrumentation Technology.

23. Subject to passing the subject **Engineering Drawing and Graphics of Section A (Non-diploma)** by obtaining minimum Grade 'C' till its inclusion in the diploma course of the Board.

24. Formerly Diploma in Polymer Technology.

25. Formerly Diploma in Sound Engineering.

26. Formerly Telecommunication Engineering

27. Formerly Chemical Operator's Course.

28. Formerly Madhya Pradesh Board of Technical Education.

**RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA,
BHOPAL²⁸**

Diploma in

Architecture
Automobile Engineering
Cement Technology
Chemical Engineering
Civil Engineering²⁹
Construction Technology and Management
Computer Science
Electrical Engineering²⁹
Electronics
Electronics Y-scheme
Electronics and Telecommunication Engineering
Electronics and Television Engineering
Food Technology³⁰
Information Technology
Instrumentation Engineering
Mechanical Engineering²⁹
Metallurgy
Mining Engineering³¹
Mine Surveying
Opto Electronics
Optometry and Refraction³²
Petroleum Refinery and Petrochemical Engineering
Plastic Technology
Production Engineering
Refrigeration & Air-conditioning
Textile Technology
Video Production
Model Technician Diploma in Machine Building
Technology

Postgraduate Diploma in

Computer Applications
Town Planning and Architecture

Advance Diploma in

Manufacturing Engineering
Mechatronic
Industrial Electronics

BOARD OF TECHNICAL EXAMINATION, MAHARASHTRA

Diploma in

Automobile Engineering
Chemical Engineering
Chemical Technology
Civil Engineering³³
Civil and Rural Engineering
Civil Engineering and Rural Reconstruction
Computer Technology/Engineering
Construction Engineering
Construction Technology
Dairy Engineering
Digital Electronics
Electrical Communication Engineering
Electrical Engineering³³
Electrical Power System
Electrical Technology
Electronics
Electronics Engineering³⁵

Electronics Engineering (Industry Integrated)
Electronics and Radio Engineering
Electronics and Telecommunication Engineering³⁴
Electronics and Video Engineering
Environmental Technology
Fabrication Technology
Fabrication Technology and Erection Engineering³⁶
Information Technology
Industrial Electronics
Instrumentation and Control Engineering³⁷
Internal Combustion Engineering
Knitting Technology
Machine Tools and Maintenance³⁸
Man-made Fibre Manufacture
Man-made Textile Chemistry
Man-made Textile Technology
Mechanical Engineering³⁴
Mechanical Engineering (Industry Integrated)
Mechanical and Electrical Engineering
Medical Electronics
Metallurgy
Mining Engineering³⁹
Packaging Technology
Plant Engineering
Plastics Technology⁴⁰
Plastic & Polymer Engineering
Printing Technology (full-time and part-time)
Production Engineering
Production Technology
Production Technology (Industry Integrated)
Prosthetic and Orthotics Engineering
Rubber Technology
Shipbuilding Engineering
Sound & Television Engineering
Sugar Manufacturing
Textile Chemistry
Textile Manufacture
Textile Technology
Transportation Engineering
L.C. & S.E.

**MEGHALAYA STATE COUNCIL FOR TECHNICAL
EDUCATION, SHILLONG**

Diploma in

Civil Engineering
Computer Application
Computer Science & Engineering
Electrical Engineering
Electronics and Communication Engineering
Mechanical Engineering

**MIZORAM STATE COUNCIL FOR TECHNICAL
EDUCATION, AIZWAL**

Diploma in

Civil Engineering
Computer Science & Engineering
Electrical Engineering
Electronics & Telecommunication Engineering
Mechanical Engineering

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29. 2-1/2-year Diploma, Part-time Diploma, Diploma in Design Draughtsmanship and 4-year sandwich courses are also recognised.
30. Recognised subject to passing Engineering Drawing and Graphics (AN-207) subject of Section A (Non-diploma) by obtaining minimum Grade 'C'.
31. Formerly Diploma in Mining and Mine Surveying.
32. Recognised for the candidates who studied Mathematics at 10+2 level.
33. Part-time, sandwich pattern and correspondence diploma courses are also recognised.
34. 4-year part-time course is also recognised.
35. Formerly Electronics and Telecommunication Engineering and Electronics & Communication Engineering, respectively.
36. Formerly Structural Fabrication and Erection Engineering. Sandwich course is also recognised.
37. Formerly Diploma in Instrumentation Engineering.
38. Sandwich course is also recognised.
39. Formerly Diploma in Mining and Mine Surveying.
40. Formerly Diploma in Plastic Engineering.

STATE COUNCIL FOR TECHNICAL EDUCATION, NAGALAND

Diploma in

Civil Engineering
Electrical Engineering
Mechanical Engineering

STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA⁴¹

L.M.E.E.

Diploma in

Applied Electronics and Instrumentation^{43, 58}
Architectural Assistantship
Automobile Engineering⁴³
Biotechnology
Ceramic Technology
Chemical Engineering⁴³
Civil Engineering^{18, 42, 44, 45}
Computer Science and Engineering
Computer Programming & Application
Drilling Engineering³⁹
Electrical Engineering^{18, 42, 44, 45}
Electronics and Telecommunication Engineering^{43, 53}
Food Processing and Preservation
Information Technology
Instrumentation and Control
Leather Technology
Mechanical Engineering^{18, 42, 44}
Metallurgical Engineering⁴³
Mine Surveying Engineering⁴³
Mining Engineering⁵¹
Refrigeration and Airconditioning Engineering⁴³
Rural Technology
Textile Technology

PUNJAB STATE BOARD OF TECHNICAL EDUCATION AND INDUSTRIAL TRAINING, CHANDIGARH⁴⁶

Diploma in

Architectural Assistantship
Automobile Engineering
Chemical Engineering
Civil Engineering⁹
Computer Engineering
Electrical Engineering⁹
Electronics (Microprocessor)
Electronics and Communication Engineering
Electronics and Radio Engineering
Electronics and Telecommunication
Electronics and Television Technology
Industrial and Production Engineering
Information Technology^{46A}
Instrumentation Technology
Knitting Technology
Mechanical Engineering^{9, 18}

Mechanical Engineering (Spl. in Refrigeration and Airconditioning)
Plastic Technology
Textile Chemistry
Textile Processing
Textile Technology
Tool and Die Making/Technology

BOARD OF TECHNICAL EDUCATION, RAJASTHAN

Diploma in

Architectural Assistantship
Automobile Engineering
Civil Engineering¹
Civil and Rural Engineering
Computer Science and Engineering
Electrical Engineering¹
Electronics Engineering⁴⁷
Electronics (Communications/Digital)
Electronics (Fibre Optics & Communication Engineering)
Instrumentation Engineering
Machine Tools and Tool Technology
Mechanical Engineering¹
Mining and Mine Surveying⁴⁸
Plastic Technology
Refrigeration and Airconditioning

Sandwich Diploma in

Architecture
Cement Technology
Chemical Engineering
Mechanical (Agriculture)
Mechanical (Maintenance)
Plastic Technology
Printing Technology
Production Engineering
Textile Technology

STATE BOARD OF TECHNICAL EDUCATION SIKKIM

Diploma in

Tool and Die Making^{48A}

STATE BOARD OF TECHNICAL EDUCATION AND TRAINING, TAMIL NADU

Diploma in

Agricultural Farm Equipment Technology⁴⁹
Apparel Technology
Architectural Assistantship
Automobile Engineering
Chemical Technology⁵⁴
Civil Engineering⁵⁵
Civil Engineering (Architecture)
Civil and Rural Engineering
Computer Networking
Computer Technology⁵⁷

41. Formerly State Council of Technical Education & Training, Orissa.

42. Formerly L.C.E., L.E.E and L.M.E., respectively.

43. Sandwich pattern withdrawn since 1982.

44. Certificate course is also recognised.

45. Post I.Sc/B.Sc. 2-year condensed course is also recognised.

46. Before the formation of the State Board, the awarding authority was the Director of Industries, Punjab. Sandwich course is also recognised. Formerly State Board of Technical Education, Punjab.

46A. For candidates passing the diploma on and from 2007.

47. Formerly Industrial Electronics Engineering.

48. Formerly Mining Engineering.

48A. Diploma is conducted in collaboration with NTTF, Bangalore.

49. Formerly Agricultural Engineering.

50. Formerly Diploma in Cinematography and Sound Engineering.

51. Formerly Electrical Engineering.

52. Formerly Electronics.

53. Both Sandwich and regular courses are recognised.

54. Now being offered as Sandwich course only.

55. Part-time and Sandwich diploma courses are also recognised.

56. Sandwich course is also recognised.

57. Formerly Computer Science and Engineering.

Electrical and Electronics Engineering^{51,55}
 Electronics (Spl. in Instrumentation)
 Electronics and Communication Engineering⁵²
 Electronics & Instrumentation
 Environmental Pollution & Control
 Film Technology⁵⁰
 Fisheries Technology and Navigation Engineering
 Foundry Technology⁵³
 Garment Technology
 Information Technology
 Instrument Technology⁵⁸
 Instrumentation and Control Engineering
 Knitting Technology
 Machine Tool Maintenance and Repairs
 Man-made Fibre Technology
 Marine Engineering
 Mechanical Engineering⁵⁵
 Mechanical Engineering (Tool & Die)
 Mechanical and Rural Engineering
 Mechatronics Engineering⁵³
 Metallurgy Engineering
 Mining Engineering
 Paper Technology
 Petrochemical Technology
 Petroleum Engineering
 Plastic Technology
 Polymer Technology
 Polymer Technology (Plastic)
 Polymer Technology (Rubber)
 Printing Technology
 Production Engineering
 Pulp and Paper Technology⁵⁶
 Refrigeration and Airconditioning
 Sugar Technology
 Telecommunication Engineering
 Textile Designing and Weaving⁵⁹
 Textile Engineering
 Textile Manufacturing
 Textile Processing
 Textile Technology
 Tool Engineering
 Tool and Die Making (Sandwich)
 Licentiate in Automobile Engineering
 Licentiate in Sanitary Engineering

Sandwich Diploma in

Foundry Technology
 Textile Technology

STATE BOARD OF TECHNICAL EDUCATION, UTTARAKHAND

Diploma in

Civil Resources Engineering

BOARD OF TECHNICAL EDUCATION, UTTAR PRADESH

Diploma in

Agricultural Engineering
 Aircraft Maintenance Engineering
 Architectural Assistantship
 Automobile Engineering
 Ceramics Engineering
 Chemical Engineering⁶⁰
 Chemical Technology (Fertiliser Technology)
 Chemical Technology (Spl. in Petrochemical)
 Chemical Technology (Rubber and Plastic)

Civil Engineering^{1,61,62}
 Civil Engineering (Spl. in Mgmt of Water & Power Resources)
 Civil Engineering (Spl. in Environment Pollution and Control)
 Civil and Rural Engineering
 Computer Engineering
 Construction Technology
 Dairy Engineering
 Electrical Engineering^{1,61,62}
 Electrical Engineering (Spl. in Industrial Control)
 Electrical Engineering (Spl. in Microprocessor) Electronics^{9,61}
 Electronics Engineering (Spl. in Microelectronics)
 Footwear & Leather Goods Technology (Spl. in Computer Aided Shoe Design)
 Glass and Ceramic Engineering
 Instrumentation and Control
 Leather Technology
 Mechanical Engineering^{1,61,62}
 Printing Technology
 Product Design
 Production Engineering
 Public Health Engineering
 Plastic Technology
 Refrigeration and Airconditioning
 Textile Chemistry
 Textile Design
 Textile Technology
 Tool Engineering
 Tubewell Engineering

OVERSEER EXAMINATION BOARD, BENGAL
 L.C.E.

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION, KOLKATA⁶⁴

L.C.E.^{9,63}

L.E.E.^{9,63}

L.E.T.E.⁶⁵

L.M.E.^{9,63}

L. Min. E.

L.R.C.E.

Diploma in

Architectural Engineering⁶⁶
 Automobile Engineering
 Chemical Engineering
 Civil Engineering and Rural Technology
 Computer Science and Technology
 Information Technology
 Instrumentation Engineering /Technology
 Metallurgical Engineering
 Mining Survey (sandwich pattern)
 Printing Technology⁶⁷
 Production Engineering
 Survey Engineering

Sandwich Course in

Mechanical Engineering
 Structural Fabrication Engineering

Diploma in Engineering for Training of Technicians in

Mechanical Engineering
 Electrical Engineering

58. Formerly Instrumentation and Control Engineering.

59. Formerly Textile Designing.

60. Four-year Sandwich course only is recognised.

61. Also conducted in Hindi.

62. Two-year diploma and 3-1/2 year Sandwich diploma are also recognised.

63. Now called diplomas. Previously called certificates.

64. Formerly State Council for Engineering and Technical Education, West Bengal.

65. Formerly L.E.C.E.

66. Formerly Architectural Assistantship.

67. 4 Year Part-time Diploma Course also recognised.

UNIVERSITIES

ALIGARH MUSLIM UNIVERSITY

Diploma in

Architectural Assistantship
Civil Engineering
Drafting and Designing (Civil/Mechanical)
Electrical Engineering
Electrical Instrumentation
Electronics Engineering
Interior Design
Mechanical Engineering
Mechanical - Refrigeration & Air-Conditioning

BHARATHIAR UNIVERSITY

B.Sc. (Applied Science)
B.Sc. (Applied Science – Computer Technology)

BIRLA INSTITUTE OF TECHNOLOGY, MESRA

Diploma in

Automobile Engineering
Computer Engineering
Electrical Engineering*
Electronics Engineering
Manufacturing Technology
Mechanical Engineering*
Technology (Computer Science)

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

Diploma in

Metallurgical Engineering

DR BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, RAIGAD

Diploma in

Chemical Engineering
Computer Engineering
Electrical Engineering
Electronics & Telecommunication Engineering
Instrumentation Engineering
Petrochemical Engineering
Polymer & Plastic Engineering

THE GANDHIGRAM RURAL INSTITUTE, GANDHIGRAM (DEEMED UNIVERSITY)

Diploma in

Khadi & Handloom Technology (with Physics, Chemistry & Mathematics at 10+2 level)

INDIRA GANDHI NATIONAL OPEN UNIVERSITY, NEW DELHI

Advance Diploma in

Construction Management

Diploma in

Civil Engineering
Electrical Engineering
Mechanical Engineering

JABALPUR UNIVERSITY

Diploma in

Architecture and Town Planning
Civil Engineering
Electrical Engineering
Mechanical Engineering
Public Health Engineering

JADAVPUR UNIVERSITY

M.Sc. degree in Applied Geology

Diploma in

Mechanical and Electrical Engineering

JAMIA MILLIA ISLAMIA

Diploma in

Civil Engineering⁶⁸
Electrical Engineering
Electrical Engineering Part IV (Evening)
Electronics Engineering
Environmental & Pollution Control Engineering
Mechanical Engineering

KERALA UNIVERSITY⁶⁹

Diploma in

Automobile Engineering
Chemical Engineering
Civil Engineering
Electrical Engineering
Mechanical Engineering

LOVELY PROFESSIONAL UNIVERSITY, JALANDHAR

Diploma in

Automobile Engineering
Civil Engineering
Computer Science
Information Technology
Electronics and Communication Engineering
Electrical Engineering
Mechanical Engineering

MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

Diploma in

Civil Engineering⁷⁰
Electrical Engineering⁷⁰
Information Technology
Mechanical Engineering⁷⁰
Petrochemical Technology
Textile Chemistry
Textile Technology

Diploma in Technology of

Processing of Oil and Gas
Production of Synthetic Resins and Plastics
Production of Fertilizers

MANIPUR UNIVERSITY

Diploma in

Civil Engineering
Electrical Engineering
Electronics Engineering⁷¹
Mechanical Engineering

NAGPUR UNIVERSITY

L.A.E.

L.C.E.

L.E.E.

L.M.E.

NIRMA UNIVERSITY, AHMEDABAD

Diploma in

Information Technology

NORTH-EASTERN HILL UNIVERSITY

Diploma in

Agriculture Engineering
Civil Engineering
Computer Science and Engineering
Electrical Engineering
Mechanical Engineering

PT. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR

Diploma in

Metallurgy

* Two-year diploma courses for sponsored employees of Tata Steel having 2/3 years apprenticeship training in different trades with five years experience.

68. Formerly Diploma in Civil and Rural Engineering.

69. Formerly Travancore University.

70. Extended Diploma course is also recognised.

71. Formerly Electronics & Communication Engineering prior to 1996.

72. Formerly called Overseer certificate.

73. Formerly called Draftsman certificate.

74. Part-time course is also recognised.

75. Part-time, sandwich and condensed courses are also recognised.

ROORKEE UNIVERSITY*Diploma in*Civil Engineering⁷²
Electrical Engineering⁷²
Mechanical Engineering⁷²*Draftsmanship Diploma in*Civil Engineering⁷³
Mechanical and Electrical Engineering**RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA,
BHOPAL***Diploma in*Computer Science and Engineering⁷²
Electronics & Instrumentation Engineering**SAUGOR UNIVERSITY***Diploma in*Architecture and Town Planning
Civil Engineering
Electrical Engineering
Mechanical Engineering
Public Health Engineering**UNIVERSITY OF AGRICULTURAL SCIENCE, DHARWAD***Diploma in*

Agricultural Engineering

**COLLEGES, POLYTECHNICS, SCHOOLS AND
ENGINEERING INSTITUTES****ANGEL TECHNICAL COLLEGE (POLYTECHNIC), MUMBAI***Diploma in*Production Engineering⁷⁴**ASSAM ENGINEERING INSTITUTE, GAUHATI***Certificate in*Civil Engineering
Electrical Engineering
Mechanical Engineering**SHRI BHAGUBHAI MAFATLAL POLYTECHNIC, MUMBAI***Diploma in*Civil Engineering⁷⁵
Chemical Engineering
Digital Electronics
Electrical Engineering⁷⁵
Industrial Electronics
Mechanical Engineering⁷⁵
Plastic Engineering**B.V. BHOOMARADDI COLLEGE OF ENGINEERING AND
TECHNOLOGY, HUBLI***Diploma in*Civil Engineering
Electrical Engineering
Mechanical Engineering**BIHAR COLLEGE OF ENGINEERING, PATNA**

Civil Engineering Subordinate Diploma

**CENTRE FOR ELECTRONICS DESIGN & TECHNOLOGY,
AURANGABAD***Diploma in*

Electronics Production & Maintenance

**CENTRAL INSTITUTE OF PLASTIC ENGINEERING AND
TECHNOLOGY, CHENNAI***Diploma in*

Plastic Mould Technology

Post-diploma in

Plastic Mould Technology

CENTRAL INSTITUTE OF TOOL DESIGN, HYDERABAD*Diploma in*

Tool Making

**CENTRAL SCIENTIFIC INSTRUMENTS ORGANISATION,
INDO-SWISS TRAINING CENTRE, CHANDIGARH***Diploma in*

Instrument Technology

Four-year Advance Diploma in

Die and Mould Making

**CENTRAL TOOL ROOM AND TRAINING CENTRE,
BHUBANESWAR***Diploma in*

Tool and Die Making

CENTRAL TOOL ROOM AND TRAINING CENTRE, KOLKATA*Diploma in*

Tool and Die Making

CIVIL ENGINEERING SCHOOL, ALLAHABAD*Overseer Certificate in*Civil Engineering
Electrical Engineering
Mechanical Engineering**CIVIL ENGINEERING SCHOOL, LUCKNOW***Overseer Certificate in*

Civil Engineering

COLLEGE OF ENGINEERING, GUINDY, CHENNAI

L.C.E.

Upper Subordinate Diploma

COLLEGE OF ENGINEERING, OSMANIA UNIVERSITY

Overseer Certificate

Upper Subordinate Diploma⁷⁶**COLLEGE OF ENGINEERING, PUNE***Diploma in*Civil Engineering
Electrical Engineering
Mechanical Engineering**COLLEGE OF ENGINEERING AND TECHNOLOGY, JADAVPUR***Diploma in*

Mechanical and Electrical Engineering

Diploma of Overseer Course

Junior Technical Course

CUSROW WADIA INSTITUTE OF TECHNOLOGY, PUNE*Diploma in*Civil Engineering
Electrical Engineering
Electronics and Radio Engineering
Mechanical Engineering**DAYALBAGH EDUCATIONAL INSTITUTE, DAYALBAGH, AGRA***Diploma in*Automobile Engineering
Electrical Engineering
Mechanical Engineering**DELHI POLYTECHNIC***All-India Diploma in*Electrical Engineering⁷⁷
Mechanical Engineering⁷⁷**DIRECTORATE OF INDUSTRIAL TRAINING, HARYANA***Diploma in*Mechanical Engineering⁷⁸**DIRECTOR GENERAL OF CIVIL AVIATION (DGCA)**3-yrs Aircraft Maintenance Engineering (after 10+2 with
Physics, Chemistry & Mathematics)**DOEACC SOCIETY, AURANGABAD***Diploma in*

Electronics Production and Maintenance

DOEACC CENTRE, IMPHAL (Affiliated to Manipal University)*Diploma in*

Computer Science and Engineering

FOREMAN TRAINING INSTITUTE, BANGALORE*Diploma in*

Foremanship

GANDHIDHAM POLYTECHNIC, ADIPUR, KUTCH*Overseer Certificate in*

Civil Engineering

76. Passed in First Class only.

77. Redesignated National Certificate.

78. Now awarded by the State Board of Technical Education, Haryana.

GOVERNMENT TECHNICAL COLLEGE, HYDERABAD

L.A.E.
L.C.E.
L.E.E.
L.M.E.
L.M.E.E.

GOVERNMENT TECHNICAL INSTITUTE, GORAKHPUR

Diploma in

Mechanical and Electrical Engineering

GOVERNMENT TECHNICAL INSTITUTE, LUCKNOW

Final Diploma in

Electrical Engineering
Mechanical Engineering

**GOVERNMENT TOOL ROOM TRAINING CENTRE,
BANGALORE**

Diploma in

Tool and Die Making

**HRH THE PRINCE OF WALES INSTITUTE OF ENGINEERING
AND TECHNOLOGY, JORHAT**

Certificate in

Civil Engineering
Electrical Engineering
Mechanical Engineering

HEWETT ENGINEERING SCHOOL, LUCKNOW

Overseer Certificate in

Civil Engineering

**INDIAN INSTITUTE OF HANDLOOM TECHNOLOGY,
VARANASI / SALEM**

Diploma in

Handloom Technology^{79, 80}

Post-diploma in

Textile Chemistry

**INDIAN TELEPHONE INDUSTRIES TRAINING INSTITUTE,
BANGALORE**

Two-year Diploma in

Mechanical Engineering

INDO-DANISH TOOL ROOM, JAMSHEDPUR

4-year Diploma in

Tool and Die Making

**INDO-GERMAN TOOL ROOM, AHMEDABAD,
AURANGABAD AND INDORE**

4-year Diploma in

Tool and Die Making

INDO-SWISS TRAINING CENTRE, CHANDIGARH

Diploma in

Instrument Technology

Advance Diploma in

Mechatronics and Industrial Automation

**INSTITUTE OF ENGINEERING AND RURAL TECHNOLOGY,
ALLAHABAD**

Diploma in

Automobile Engineering
Civil Engineering
Civil (Architecture & Town Planning) Engineering
Construction Technology

Electrical Engineering
Electronics
Instrumentation and Control
Mechanical Engineering
Production Engineering

Public Health Engineering
Plastic Technology
Refrigeration and Airconditioning
Tool Engineering
Tubewell Engineering

**INSTITUTE OF HUMAN RESOURCES DEVELOPMENT,
THIRUANANTHAPURAM**

B. Sc. Degree in

Computer Science
Electronics

INSTITUTE OF TOOL ROOM TRAINING, LUCKNOW

Diploma in

Tool and Mould Making^{80A}

**INSTITUTION OF ELECTRONICS & TELECOMMUNICATION
ENGINEERS, NEW DELHI**

Diploma Examination

M.B.M. ENGINEERING COLLEGE, JODHPUR

Diploma in

Civil Engineering
Electrical Engineering
Mechanical Engineering

MURLIDHAR GAJANAND TECHNICAL INSTITUTE, HATHRAS

Computer Class Examination

Surveyors Class Examination

NATIONAL INSTITUTE OF ENGINEERING, HOSHIARPUR

Diploma in

Mechanical and Electrical Technology⁸²

NATIONAL SUGAR INSTITUTE, KANPUR⁸¹

(Ministry of Food and Consumer Affairs)

*Diploma of Associateship of the National Sugar
Institute (ANSI)*

NETTUR TECHNICAL TRAINING FOUNDATION, BANGALORE⁸³

4-year Diploma in Tool and Die Making

NTTF TRAINING CENTRE, BANGALORE

Diploma in

Computer Engineering
Electronics
Mechatronics Engineering^{83A}

NILOKHERI POLYTECHNIC, NILOKHERI

Diploma in

Electrical Engineering
Mechanical Engineering

79. Earlier this diploma was awarded by All India Handloom Board.

80. The Diploma conducted at Jodhpur and Guwahati is also recognised. The Diploma conducted by respective State Boards at Venkatgiri (AP) and Gudag (Karnataka) where examinations are conducted by the Institute is also recognised.

80A. The Institute is under Industrial Development Department, Govt. of UP.

81. B.E. Degree holders, who have obtained the above diploma (ANSI), they can become 'Associate' or 'Corporate' Members of the Institution, on individual merit.

82. Four-year course only.

83. Course is also conducted at its units at Coimbatore, Dharwar, Tellicherry and Vellore.

83A. The course is being conducted at Coimbatore, Dharwad, Jamshedpur, Jeganathpur (Orissa)

NORTH-EASTERN REGIONAL INSTITUTE OF SCIENCE & TECHNOLOGY, ITANAGAR

Diploma in

Electronics & Communication Engineering

ORISSA SCHOOL OF ENGINEERING, CUTTACK

L.C.E.

L.E.E.

L.M.E.

L.M.E.E.

Subordinate Diploma in Civil Engineering

P.M.V. POLYTECHNIC, MATHURA

Diploma in

Mechanical Engineering⁸⁴

PUNJAB AIRCRAFT MAINTENANCE ENGINEERING COLLEGE, PATIALA

Diploma in

Aeronautical Engineering & Aircraft Maintenance

PUNJAB POLYTECHNIC⁸⁵

Draftsmanship Course in

Civil Engineering

Overseer Diploma in

Civil Engineering

RAMGARHIA POLYTECHNIC, PHAGWARA

Diploma in

Mechanical and Electrical Engineering

Draftsmanship Diploma in

Civil Engineering

Mechanical Engineering

Overseer Diploma in

Civil Engineering

SAGI RAMAKRISHNAN RAJU ENGINEERING COLLEGE, BHIMAVARAM

B.Sc. (Applied Science)⁸⁶

SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY, LONGOWAL

Diploma in

Computer Servicing and Engineering^{86A}

SCHOOL OF BUILDING SCIENCE AND TECHNOLOGY, CENTRE FOR ENVIRONMENTAL PLANNING AND TECHNOLOGY, AHMEDABAD

Diploma in

Building Construction

SCHOOL OF ENGINEERING, BANGALORE

Civil Engineering

Electrical Engineering

Mechanical Engineering

SCHOOL OF ENGINEERING & TECHNOLOGY, MEERUT

Diploma in

Civil Engineering

Electrical Engineering

Electronics Engineering

Mechanical Engineering

SRI JAYACHAMARAJENDRA OCCUPATIONAL INSTITUTE, BANGALORE

Diploma in

Automobile Engineering

Boilers and Engines

Draftsmanship and Estimating (Civil)

Draftsmanship and Estimating (Mechanical)

Electrical Technology

Instrument Mechanics

Machinist

Metal Work

Radio Technology

Welding Technology

STATE INSTITUTE OF CO-OPERATIVE VOCATIONAL EDUCATION, TIRUCHIRAPALLI

Diploma in

Architecture and Interior Design

Electrical Appliances and Systems

Textile and Fashion Design

ST XAVIERS' TECHNICAL INSTITUTE, MAHIM, MUMBAI

Diploma in

Electronics & Radio Engineering

SKYTECH TECHNICAL TRAINING FOUNDATION, ATTIKOLLA, DHARWAD

Diploma in

Tool & Die Making

TATA ENGINEERING AND LOCOMOTIVE CO. LTD., JAMSHEDPUR

4-year Part-time Diploma Course in

Electrical Engineering

Electronics Engineering

Mechanical Engineering

TECHNICAL COLLEGE, DAYALBAGH, AGRA

Diploma in

Electrical Engineering

Mechanical Engineering

Mechanical and Electrical Engineering

TIRHUT SCHOOL OF ENGINEERING, MUZAFFARPUR

Subordinate Engineering Course in

Civil Engineering

Electrical Engineering

Mechanical Engineering

TOOL ROOM AND TRAINING CENTRE, GOA

Diploma in Tool and Die Making

VICTORIA JUBILEE TECHNICAL INSTITUTE, MUMBAI

L.C. & S.E.

L.E.E.

L.M.E.

L.San.E.

L.T.C.

L.T.M.

84. Three-year course only.

85. Formerly Punjab Government School of Engineering, Nilokheri, Gurdaspur and Kalasia.

86. Passout candidates of this course are exempted in subjects AD 01, AD 03 and AD 04 of Section A (Diploma).

86A. Formerly known as Diploma in Computer Servicing and Maintenance.

Diploma in

Civil and Environmental Engineering
Electronics Engineering

Y.M.C.A. INSTITUTE OF ENGINEERING, FARIDABAD

Four-year Sandwich Course in

Electrical Engineering
Mechanical Engineering

DEFENCE ESTABLISHMENTS

SIGNAL TRAINING CENTRE, JABALPUR

Diploma in

Electronics & Telecommunication Engineering

**AIR FORCE TECHNICAL COLLEGE, JALAHALLI,
BANGALORE**

Aircraft Apprenticeship Course in

Airframe Fitter⁸⁷
Electrical Fitter⁸⁷
Engine Fitter⁸⁷
Instrument Fitter⁸⁷
Radar Fitter⁸⁷
Radio Fitter⁸⁷
Weapon Fitter⁸⁷

**ANDHRA PRADESH AVIATION ACADEMY AIRCRAFT
MAINTENANCE ENGINEERING COLLEGE, HYDERABAD**

3 year Aircraft Maintenance Engineering^{87A}

APPRENTICE TRAINING SCHOOL, BHOPAL

Apprentice Course in

Armourers
Electricians
Fitters
Instrument Mechanics
Telecommunication Mechanics
Turners
Vehicle Mechanics

COLLEGE OF MILITARY ENGINEERING, KIRKEE

Diploma in

Architecture Assistantship⁹⁰
Civil Engineering⁸⁸
Electrical and Mechanical Engineering⁸⁹
Draftsman Estimating and Design⁹⁰
Officers Supplementary Engineering Course⁹¹

**COMMUNICATION TRAINING INSTITUTE⁹², AIR FORCE
STATION, JALAHALLI, BANGALORE**

Conversion Course to Group I

Tradesman in

Radar Fitter⁹²
Radio Fitter⁹²

**ELECTRICAL AND INSTRUMENT TRAINING INSTITUTE⁹⁴,
AIR FORCE STATION, JALAHALLI, BANGALORE**

All Through Course in Electrical Fitter (G)^{95, 111}

All Through Course in Instrument Fitter^{95, 111}

**ELECTRONIC TRAINING INSTITUTE⁹⁶, AIR FORCE
STATION, JALAHALLI, BANGALORE**

Conversion Course to Group I

Tradesman in

Radar Fitter⁹³

E.M.E. SCHOOL, BARODA

Instrument Mechanics (Basic) Course

**E.M.E. SCHOOL⁹⁷, BARODA AND MILITARY COLLEGE OF
ELECTRONICS AND MECHANICAL ENGINEERING⁹⁸,
SECUNDERABAD**

Diploma in

Armament Production Technology⁹⁹
Automobile Engineering⁹⁹
Electrical Engineering⁹⁹
Electronics Engineering⁹⁹
Instrument Engineering⁹⁹
Mechanical Engineering⁹⁹

INDIAN AIR FORCE

Conversion Course to Group I

Tradesman in Missile Fitter

INSTITUTE OF ARMAMENT TECHNOLOGY, POONA

Basic Engineering Course (Introductory)

Technical Staff Course
Naval Technical Staff Course

I.N.S. 'SHIVAJI', LONAVLA

Engine Room Artificers, 5th Class
Engine Room Artificer Apprentice (ICE/Steam/GT)
Engine Room 'Mechanician (Steam)¹⁰⁰

I.N.S. 'VALSURA', JAMNAGAR

Electrical Artificers, 5th Class in

Control
Mounting
Power
Radio
Air (Power)
Air (Radio)
Electrical Mechanics, 4th Class
Electrical Artificers (Power)
Electrical Artificers (Radio)

87. Formerly Fitter Airframes, Electricians, Fitter Engines, Instrument Repairs, Radar Mechanics, Wireless Operator Mechanics and Fitter Armourers, respectively.

87A. After 10+2 with Physics, Chemistry and Mathematics.

88. Previously Overseers and Road Course.

89. Previously Machinists Electrical and Mechanical Class 3.

90. Previously Draftsman Estimating and Design Class 3.

91. Passed but below 66 per cent marks in aggregate.

92. Formerly No 3 Ground Training School.

93. Formerly known as Radar Mechanics and Wireless Operator Mechanics, respectively.

94. Formerly No. 5 Ground Training School.

95. Formerly known as Electricians and Instrument Repairs, respectively.

96. Formerly No. 6 Ground Training School.

97. Previously E.M.E. School (North).

98. Previously E.M.E. School (South).

99. Formerly Armament Artificers Course in (i) Gun, (ii) A/B Vehicles, (iii) Electrician, (iv) Radar/Radio, (v) Instrument, and (vi) B Vehicles, respectively.

100. Formerly known as 'Engine Room Mechanician'.

**I.N.S. 'SHIVAJI', LONAVLA, I.N.S. 'VALSURA', JAMNAGAR
AND NAVAL INSTITUTE OF AERONAUTICAL
ENGINEERING, COCHIN¹⁰¹**

Aircraft Artificers, 5th Class
Aircraft Artificers (Weapons), 5th Class
Aircraft Mechanicians, 4th Class
Aircraft Mechanicians (Weapons), 4th Class
Electrical Mechanicians (Air)
Electrical Mechanicians (Air Radio)

**WORKSHOP TRAINING INSTITUTE¹⁰², AIR FORCE
STATION, TAMBARAM**

All Through Training Course in
Airframe Fitter¹⁰³
Engine Fitter¹⁰³
Weapon Fitter¹⁰³
Workshop Fitter (Machinist)¹⁰³
Electricians¹⁰⁴
Instrument Repairers¹⁰⁴
Mechanical Transport Fitter¹⁰⁵
M. S. Fitter
Workshop Fitter (Mechanical)

**MECHANICAL TRANSPORT TRAINING INSTITUTE¹⁰⁶, AIR
FORCE STATION, AVADI**

Conversion Course to Group I
Tradesman in
Mechanical Transport Fitter

**MILITARY COLLEGE OF ELECTRONICS AND
MECHANICAL ENGINEERING, SECUNDERABAD**

Class I Course in
Telecommunication Mechanic (Radio)
Class III Telecom Mechanic Course in
Radar (basic)
Radio (basic)
Line (basic)
GCE (basic)
Technician Radar (Basic)
Technician Comn (Basic)
Technician GCE (Basic)

NAVAL DOCKYARD SCHOOL, MUMBAI

General Apprentice Course
Electrical Engineering-Apprentice Course

SHIPWRIGHT SCHOOL, MUMBAI¹⁰⁷

Shipwright Artificers Course

SHIPWRIGHT SCHOOL, VISAKHAPATNAM

Shipwright Artificers Apprentice Course

**SIGNAL TRAINING CENTRES AND COMMAND TRAINING
SCHOOLS/MILITARY COLLEGE OF
TELECOMMUNICATION ENGINEERING, MHOW¹⁰⁸**

Advanced Electronics and Systems Engineering
Course

Class I Course of the Corps of Signals in
Technician Electronic Radio¹⁰⁹

Technician Electronic System¹¹⁰

Foreman of Signals Course

**TRAINING INSTITUTES OF FERTILIZER
ESTABLISHMENTS**

**FERTILIZER CORPORATION OF INDIA LTD.,
GORAKHPUR UNIT**

Part-time Advance Course in
Chemical Engineering and Technology
Electrical Engineering and Technology
Instrumentation Engineering and Technology
Mechanical Engineering and Technology

RAMAGUNDEM DIVISION

Part-time Advance Course in
Chemical Engineering
Electrical Engineering
Mechanical Engineering
Instrumentation Engineering

SINDRI UNIT

Part-time Advance Course in
Civil Engineering
Electrical Engineering¹¹²
Instrumentation¹¹²
Mechanical Engineering¹¹²
Production Engineering¹¹²

TALCHER UNIT

Part-time Advance Course in
Chemical Engineering
Electrical Engineering
Mechanical Engineering
Instrumentation Engineering

**HINDUSTAN FERTILIZER CORPORATION LTD.,
BARAUNI UNIT**

Part-time Advance Course in
Chemical Engineering

101. Formerly Naval Air Technical School, Cochin.

102. Formerly No. 2 Ground Training School and Mechanical Training Institute, respectively.

103. Formerly known as Fitter Airframes, Fitter Engines, Fitter Armourers and Machine Tool Setter & Operator (MTSO), respectively. Formerly these courses were known as Conversion Course to Group I.

104. These courses were transferred to No. 5 Ground Training School, Air Force Station, Jalahalli, Bangalore in 1963. Formerly this course was Conversion Course to Group I.

105. This course was transferred to No. 4 Ground Training School, Air Force Station, Avadi. Formerly this course was Conversion Course to Group I.

106. Formerly No. 4 Ground Training School.

107. Formerly I.N.S. Angre, Bombay.

108. Previously known as School of Signals, Mhow.

109. Formerly Radio Mechanics.

110. Formerly (i) Line Mechanics, (ii) Telegraph Mechanics.

111. Formerly Conversion Course to Group I-Tradesman in Electrical Fitter, and Instrument Fitter, respectively.

112. Formerly Electrical Maintenance, Instrument Maintenance, Mechanical Maintenance, and Production Group, respectively.

Electrical Engineering
Instrumentation Engineering
Mechanical Engineering

DURGAPUR UNIT¹¹³

Part-time Advance Course in

Chemical Engineering
Electrical Engineering
Instrumentation Engineering
Mechanical Engineering

HALDIA DIVISION

Part-time Advance Course in

Chemical Engineering
Electrical Engineering
Instrumentation
Mechanical Engineering

NAMRUP UNIT¹¹⁴

Part-time Advance Course in

Chemical Engineering
Electrical Engineering
Instrumentation
Mechanical Engineering

PROJECTS AND DEVELOPMENT INDIA LIMITED, SINDRI

Part-time Advance Course in

Civil Engineering
Electrical Engineering
Instrumentation
Mechanical Engineering
Production Engineering

NATIONAL FERTILIZERS LTD., NAYA NANGAL UNIT¹¹⁵

Employee Education Scheme (Advance Course)¹¹⁶ in

Chemical Engineering
Electrical Engineering
Mechanical Engineering
Instrumentation Engineering

RASHTRIYA CHEMICALS AND FERTILIZERS LTD.,

TROMBAY UNIT¹¹⁷

Part-time Advance Course in

Chemical Technology
Electrical Technology¹¹⁸
Instrumentation Technology¹¹⁸
Mechanical Technology¹¹⁸
Production Technology

RAILWAY ESTABLISHMENTS

CENTRAL RAILWAY SYSTEM TECHNICAL SCHOOL,

JHANSI

Apprentice Mechanics
Final Examination

INDIAN RAILWAYS INSTITUTE OF MECHANICAL AND ELECTRICAL ENGINEERING, JAMALPUR¹¹⁹

Apprentice Mechanics

Final Examination

INSTITUTE OF PERMANENT WAY ENGINEERS (INDIA)

Diploma in

Railway Engineering

EASTERN RAILWAY KANCHRAPARA TECHNICAL SCHOOL, KANCHRAPARA

Apprentice Mechanics

Final Examination

EASTERN RAILWAY TECHNICAL TRAINING SCHOOL, CHITTARANJAN LOCOMOTIVE WORKS, CHITTARANJAN

Apprentice Mechanics

Final Examination

NORTHERN RAILWAY SYSTEM TECHNICAL SCHOOL, LUCKNOW

Apprentice Mechanics Final Examination

Apprentice Train Examiners Course

NORTH-EASTERN RAILWAY SYSTEM TECHNICAL SCHOOL, GORAKHPUR

Apprentice Mechanics Final Examination

Apprentice Train Examiners Course

NORTH-EAST FRONTIER RAILWAY SYSTEM TECHNICAL SCHOOL, NEW BONGAIGAON

Apprentice Mechanics

Final Examination

Apprentice Train Examiners Course

SOUTHERN RAILWAY SUPERVISORS' TRAINING CENTRE¹²⁰, BANGALORE

Apprentice Train Examiner¹²¹

SOUTH CENTRAL RAILWAY SYSTEM TECHNICAL SCHOOL, SECUNDERABAD

Apprentice Mechanics

Final Examination

SOUTH EASTERN RAILWAY SYSTEM TECHNICAL SCHOOL, KHARAGPUR

Apprentice Mechanics

Final Examination

Apprentice Train Examiners Course

WESTERN RAILWAY SYSTEM TECHNICAL SCHOOL, AJMER

Apprentice Mechanics

Final Examination

INDIAN RAILWAYS

Intermediate Apprentice Mechanics Course

113. Formerly FCI Training Institute, Durgapur Unit.

114. Formerly FCI Training Institute, Namrup Unit.

115. Formerly FCI Training Institute, Naya Nangal Unit.

116. Formerly Part-time Advance Course.

117. Formerly FCI Training Institute, Trombay Unit.

118. Formerly Electrical Maintenance, Instrumentation, Mechanical Maintenance, respectively.

119. Formerly Indian Railways School of Mechanical and Electrical Engineering, Jamalpur.

120. Formerly Southern Railway System Technical School, Bangalore.

121. Formerly Apprentice Mechanics Final Examination.

EDUCATIONAL QUALIFICATIONS FOR SENIOR TECHNICIAN MEMBERSHIP

Part II

Schedule of Accepted Educational Qualifications for Exemption from Section A of the Institution Examinations

Anna University¹

B.Sc. (Applied Sciences)

Bhopal²

B.Tech. Ed. of Bhopal University

Bhubaneswar

B.Sc. B.Ed. (Tech.) of Utkal University

Bombay University

B. Sc. (Tech.) in

Chemical Engineering

Food Technology

Technology of Intermediates and Dyes

Technology of Oils

Technology of Oils, Fats and Waxes

Technology of Pigments, Paints and Varnishes

Technology of Paints

Technology of Plastics

Textile Chemistry

Calcutta University

Intermediate Engineering

M.Sc. in Applied Physics

College of Agricultural Engineering, Marathwada

Agricultural University, Parbhani

B.Tech. (Food Sciences)

College of Engineering and Technology, Jadavpur

M. Sc. in Engineering and Applied Geology

College of Military Engineering, Pune

Part I of

Engineers Officers' Degree Engineering Course

Electrical and Mechanical Officers' Degree

Engineering Course

Signal Officers' Degree Engineering Course

Government Engineering College, Anantapur and

Kakinada

Compressed Diploma in

Civil Engineering

Electrical Engineering

Mechanical Engineering

Harcourt Butler Technological Institute, Kanpur University

B. Tech. (Chemical Technology)³ in

Biochemical Engineering

Food Technology

Paints Technology

Oil Technology

Plastic Technology

Food and Fermentation Technology

Indian School of Mines, Dhanbad

A.I.S.M. (Geology)/M.Sc. (Applied Geology)

Institute of Paper Technology⁴, University of Roorkee, Saharanpur

University Diploma⁵ in

Process Instrumentation

Pulp and Paper Technology

Jadavpur University

M. Sc. in

Engineering and Applied Geology

Laxminarayan Institute of Technology, Nagpur University

B. Sc. (Tech.) in

Cellulose Technology

Chemical Engineering

Food Technology

Oil Technology

Petrochemicals Technology

Madurai Kamaraj University⁶

B.Sc. (Applied Sciences)

OUPG College, Nalgonda, Osmania University

M.Sc in Physics and Instrumentation

Periyar University⁷

B.Sc. (Applied Sciences)

Regional College of Education, Ajmer

B.Tech. Ed. of Rajasthan University

Sant Longowal Institute of Engineering & Technology, Longowal

Diploma in

Chemical Technology

Computer Programming and Applications

1. Formerly Perarignar Anna University of Technology.
2. Formerly affiliated to Vikram University.
3. Formerly B.Sc (Chemical Technology).
4. Formerly affiliated to the Board of Technical Education, UP.
5. Formerly Diploma.
6. Formerly Madurai University.
7. Formerly Madras University

Electronics & Communication Engineering
Food Processing
Instrumentation and Process Control
Mechanical Engineering (Spl. in Industrial and
Production Engineering)⁷
Mechanical Engineering (Spl. in Foundry
Technology)⁷
Mechanical Engineering (Spl. in Maintenance
and Plant Engineering)⁷
Mechanical Engineering (Spl. in Welding
Technology)⁷

Shavak Nanavati Technical Institute, Jamshedpur^{8,9}
Diploma in
Mechanical Engineering

Electrical Engineering
Electronics Engineering

State Board of Technical Education, Haryana

4-year Post-diploma in Computer Engineering

4-year Post-diploma in Mechanical Engineering

**Y.M.C.A Institute of Engineering, Faridabad (under State
Board of Technical Education, Haryana)**

4-year Post-diploma in

Computer Engineering¹⁰

Electrical Engineering

Mechanical Engineering

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7. Earlier the nomenclature of courses were Industrial & Production Engineering, Foundry Technology, Maintenance and Plant Engineering, Welding Technology, respectively.
 8. Formerly Jamshedpur Technical Institute, Jamshedpur. Now, six-year diploma courses in Electrical Engineering and Mechanical Engineering are also recognised subject to passing the paper 'Society, Environment and Engineering' from 1990.
 9. Complete exemption from Section A granted for students passed out on and from 1995 for Diploma in Mechanical Engineering; from 1996 for Diploma in Electrical Engineering; and from 1998 for Diploma in Electronics Engineering.
 10. The candidates will be allowed to opt Computer Engineering or Electronics & Communication Engineering discipline in Section B Examination.