

## **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.*

1. Intermediate Science Examination with English, Mathematics, Physics and Chemistry.
2. Bachelor of Science Examination with Mathematics, Physics and Chemistry.
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.
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.
5. Pre-professional Examination in Engineering or the passing of the first year examination of five-year integrated course in Engineering.
6. Pre-engineering Examination.
7. Board of Apprenticeship Training admission Examination, West Bengal.
8. B. Arch. Preliminary Examination of Calcutta University.
9. Passing of first year examination of B.Tech. Ed. of Regional College of Education, Ajmer.
10. Passing of two-year course of Indian Military Academy/ National Defence Academy, Khadakvasla and Dehradun.
11. Vocational Higher Secondary Course from Directorate of Vocational Higher Secondary Education, Kerala.
12. Senior Secondary School Certificate from National Institute of Open Schooling, New Delhi.
13. Diploma in (i) Diesel Mechanics, (ii) Electrical Instrument Mechanics, (iii) Vocational Training for Fitter conducted at Sumant Moolgaonkar Engineering Institute, Kymore (MP).
14. Diploma in Surface Coating Technology conducted by Board of Technical Examinations, Maharashtra.
15. Certificate of Vocational Education Examination in Telecommunication Engineering Technician conducted by the Council for Indian School Certificate 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.
17. Vocational Course in Electronic Repair Technician conducted by Goa Board of Secondary & Higher Secondary Education.
18. Auto Engineering Technician course conducted by Maharashtra State Board of Secondary & Higher Secondary Education, Pune.
19. Vocational Higher Secondary course from Board of Higher Secondary Examinations, Tamil Nadu.
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 <sup>+</sup>

L.A.E.  
L.C.E<sup>1</sup>  
L.E.E<sup>1</sup>  
L.E.C.E<sup>2</sup>  
L.M.E<sup>1,3</sup>  
L.Met.E.  
L.Min.E.  
L.R.E.  
L.T.E.

*Diploma in*

Architectural Engineering<sup>4</sup>  
Biomedical Engineering  
Ceramic Technology  
Chemical Engineering<sup>6</sup>  
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 Engineering<sup>5</sup>  
Electronics & Communication Engineering  
Electronics Instrumentation Engineering  
Food Technology<sup>6</sup>  
Leather Technology  
Mechanical Engineering  
Sugar Technology<sup>6</sup>  
Textile Technology<sup>6</sup>  
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, ASSAM

*Diploma in*

Agricultural Engineering  
Architectural Assistantship  
Automobile Engineering  
Civil Engineering<sup>1</sup>  
Chemical Engineering  
Computer Engineering  
Electrical Engineering  
Electronics and Telecommunication Engineering  
Instrumentation Technology  
Mechanical Engineering<sup>1</sup>  
Textile Technology

### STATE BOARD OF TECHNICAL EDUCATION, BIHAR

*Diploma in*

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

- 
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 Engineering<sup>9</sup>  
 Civil and Rural Engineering  
 Chemical Engineering  
 Computer Engineering  
 Construction Engineering  
 Digital Electronics  
 Electrical Engineering<sup>9</sup>  
 Electronics Engineering  
 Electronics (Spl. in Digital Electronics & Microprocessor System Design)  
 Electronics (Spl. in Medical Electronics)  
 Electronics and Communication Engineering<sup>10</sup>  
 Electronics and Electrical Communication Engineering<sup>10\*</sup>  
 Instrumentation and Control  
 Mechanical Engineering<sup>9</sup>  
 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<sup>10A, 10B</sup>***Diploma in*

Automobile Engineering  
 Civil Engineering  
 Civil Engineering (Construction Technology)  
 Computer Engineering  
 Construction Engineering  
 Electrical 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, GUJARAT<sup>11</sup>***Diploma in*

Architectural Assistantship  
 Automobile Engineering<sup>12</sup>  
 Ceramic Technology  
 Civil Engineering<sup>9</sup>  
 Chemical Engineering  
 Chemical Engineering (Sandwich)<sup>13</sup>  
 Computer Engineering<sup>14</sup>  
 Construction and Structure  
 Electrical Communication Engineering  
 Electrical Engineering<sup>9</sup>  
 Electrical Technology  
 Electronics and Communication Engineering<sup>15</sup>  
 Electronics, Sound and TV Engineering<sup>16</sup>  
 Fabrication Technology  
 Instrumentation and Control  
 Information Technology  
 Internal Combustion Engineering  
 Man-made Fibres Fabrics  
 Man-made Fibres Wet Processing  
 Mechanical Engineering<sup>9</sup>  
 Mechatronics Engineering  
 Mechanical and Electrical Engineering  
 Metallurgy  
 Mining Engineering  
 Plastic Engineering  
 Power Electronics  
 Printing Technology  
 Radio Technology  
 Textile Chemistry  
 Textile Manufacture  
 Textile Manufacturing Technology<sup>17</sup>  
 Textile Processing Technology<sup>17</sup>  
 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 Engineering<sup>18</sup>  
 Electronics and Communication Engineering  
 Electronics and Television Engineering  
 Electronics and Video Engineering  
 Instrumentation & Control  
 Information Technology  
 Mechanical Engineering<sup>18</sup>  
 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.

Mechanical Engineering (Spl. in Metallurgy and Production Engineering)  
Plastic Technology  
Production Engineering<sup>18A</sup>  
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.<sup>9</sup>  
L.M.E.<sup>9</sup>  
L.Met.E.

*Diploma in*

Architecture  
Architectural Assistantship  
Automobile Engineering<sup>19</sup>  
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<sup>9, 26</sup>  
Horological Engineering  
Information Science & Engineering  
Instrumentation and Control<sup>22</sup>  
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 Surveying<sup>20</sup>  
Paper Technology  
Plastic Technology<sup>24</sup>  
Printing Technology<sup>23</sup>  
Rubber Technology<sup>24</sup>  
Sound Recording and Engineering<sup>25</sup>  
Sugar Technology  
Telecommunication Engineering  
(Electronics/Telecommunication)<sup>21</sup>  
Textile Technology  
Tool and Die Making

**STATE BOARD OF TECHNICAL EDUCATION, JAMMU AND KASHMIR**

*Diploma in*

Architectural Assistantship  
Automobile Engineering  
Civil Engineering  
Computer Engineering  
Electrical Engineering  
Electronics & Communication Engineering  
Industrial Electronics and Instrumentation  
Information Technology  
Mechanical Engineering  
Medical Electronics  
Public Health Engineering (Civil)

**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

**BOARD OF TECHNICAL EDUCATION, KERALA**

*Diploma in*

Architectural Engineering  
Automobile Engineering  
Applied Electronics  
Biomedical Engineering  
Chemical Engineering  
Chemical Technology<sup>27</sup>  
Civil Engineering<sup>9</sup>  
Civil and Rural Engineering  
Computer Engineering  
Computer Hardware Maintenance  
Electrical Engineering<sup>9</sup>  
Electronics<sup>9</sup>  
Electronics and Avionics  
Electronics Engineering (Power Electronics)  
Electronics & Communication Engineering  
Electronics & Instrumentation Engineering  
Electronics Production Technology  
Instrument Technology  
Mechanical Engineering<sup>9</sup>  
Medical Electronics  
Medical Instrumentation  
Polymer Technology  
Power Electronics  
Quantity Surveying and Construction Management  
Telecommunication Technology  
Textile Technology  
Tool & Die Engineering  
Wood Technology

**RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL<sup>28</sup>**

*Diploma in*

Architecture  
Automobile Engineering

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.

Cement Technology  
 Chemical Engineering  
 Civil Engineering<sup>29</sup>  
 Construction Technology and Management  
 Computer Science  
 Electrical Engineering<sup>29</sup>  
 Electronics  
 Electronics Y-scheme  
 Electronics and Telecommunication Engineering  
 Electronics and Television Engineering  
 Food Technology<sup>30</sup>  
 Information Technology  
 Instrumentation Engineering  
 Mechanical Engineering<sup>29</sup>  
 Metallurgy  
 Mining Engineering<sup>31</sup>  
 Mine Surveying  
 Opto Electronics  
 Optometry and Refraction<sup>32</sup>  
 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 Engineering<sup>33</sup>  
 Civil and Rural Engineering  
 Civil Engineering and Rural Reconstruction  
 Computer Technology/Engineering  
 Construction Engineering  
 Construction Technology  
 Dairy Engineering  
 Digital Electronics  
 Electrical Communication Engineering  
 Electrical Engineering<sup>33</sup>  
 Electrical Power System  
 Electrical Technology  
 Electronics  
 Electronics Engineering<sup>35</sup>

Electronics Engineering (Industry Integrated)  
 Electronics and Radio Engineering  
 Electronics and Telecommunication Engineering<sup>34</sup>  
 Electronics and Video Engineering  
 Environmental Technology  
 Fabrication Technology  
 Fabrication Technology and Erection Engineering<sup>36</sup>  
 Information Technology  
 Industrial Electronics  
 Instrumentation and Control Engineering<sup>37</sup>  
 Internal Combustion Engineering  
 Knitting Technology  
 Machine Tools and Maintenance<sup>38</sup>  
 Man-made Fibre Manufacture  
 Man-made Textile Chemistry  
 Man-made Textile Technology  
 Mechanical Engineering<sup>34</sup>  
 Mechanical Engineering (Industry Integrated)  
 Mechanical and Electrical Engineering  
 Medical Electronics  
 Metallurgy  
 Mining Engineering<sup>39</sup>  
 Packaging Technology  
 Plant Engineering  
 Plastics Technology<sup>40</sup>  
 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  
 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

- 
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, ORISSA<sup>41</sup>**

L.M.E.E.

*Diploma in*

Applied Electronics and Instrumentation<sup>43, 58</sup>  
Architectural Assistantship  
Automobile Engineering<sup>43</sup>  
Ceramic Technology  
Chemical Engineering<sup>43</sup>  
Civil Engineering<sup>18, 42, 44, 45</sup>  
Computer Science and Engineering  
Computer Programming & Application  
Drilling Engineering<sup>39</sup>  
Electrical Engineering<sup>18, 42, 44, 45</sup>  
Electronics and Telecommunication Engineering<sup>43, 53</sup>  
Food Processing and Preservation  
Information Technology  
Instrumentation and Control  
Leather Technology  
Mechanical Engineering<sup>18, 42, 44</sup>  
Metallurgical Engineering<sup>43</sup>  
Mine Surveying Engineering<sup>43</sup>  
Mining Engineering<sup>51</sup>  
Refrigeration and Airconditioning Engineering<sup>43</sup>  
Rural Technology  
Textile Technology

**PUNJAB STATE BOARD OF TECHNICAL EDUCATION AND INDUSTRIAL TRAINING, CHANDIGARH<sup>46</sup>**

*Diploma in*

Architectural Assistantship  
Automobile Engineering  
Chemical Engineering  
Civil Engineering<sup>9</sup>  
Computer Engineering  
Electrical Engineering<sup>9</sup>  
Electronics (Microprocessor)  
Electronics and Communication Engineering  
Electronics and Radio Engineering  
Electronics and Telecommunication  
Electronics and Television Technology  
Industrial and Production Engineering  
Information Technology<sup>46A</sup>  
Instrumentation Technology  
Knitting Technology  
Mechanical Engineering<sup>9, 18</sup>

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 Engineering<sup>1</sup>  
Civil and Rural Engineering  
Computer Science and Engineering  
Electrical Engineering<sup>1</sup>  
Electronics Engineering<sup>47</sup>  
Electronics (Communications/Digital)  
Electronics (Fibre Optics & Communication Engineering)  
Instrumentation Engineering  
Machine Tools and Tool Technology  
Mechanical Engineering<sup>1</sup>  
Mining and Mine Surveying<sup>48</sup>  
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<sup>48A</sup>

**STATE BOARD OF TECHNICAL EDUCATION AND TRAINING, TAMIL NADU**

*Diploma in*

Agricultural Farm Equipment Technology<sup>49</sup>  
Apparel Technology  
Architectural Assistantship  
Automobile Engineering  
Chemical Technology<sup>54</sup>  
Civil Engineering<sup>55</sup>  
Civil Engineering (Architecture)  
Civil and Rural Engineering  
Computer Networking  
Computer Technology<sup>57</sup>

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<sup>51,55</sup>  
 Electronics (Spl. in Instrumentation)  
 Electronics and Communication Engineering<sup>52</sup>  
 Electronics & Instrumentation  
 Environmental Pollution & Control  
 Film Technology<sup>50</sup>  
 Fisheries Technology and Navigation Engineering  
 Foundry Technology<sup>53</sup>  
 Garment Technology  
 Information Technology  
 Instrument Technology<sup>58</sup>  
 Instrumentation and Control Engineering  
 Machine Tool Maintenance and Repairs  
 Man-made Fibre Technology  
 Marine Engineering  
 Mechanical Engineering<sup>55</sup>  
 Mechanical Engineering (Tool & Die)  
 Mechanical and Rural Engineering  
 Mechatronics Engineering<sup>53</sup>  
 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 Technology<sup>56</sup>  
 Refrigeration and Airconditioning  
 Sugar Technology  
 Telecommunication Engineering  
 Textile Designing and Weaving<sup>59</sup>  
 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, UTTARANCHAL**

*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 Engineering<sup>60</sup>  
 Chemical Technology (Fertiliser Technology)  
 Chemical Technology (Spl. in Petrochemical)  
 Chemical Technology (Rubber and Plastic)  
 Civil Engineering<sup>1,61,62</sup>

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<sup>1,61,62</sup>  
 Electrical Engineering (Spl. in Industrial Control)  
 Electrical Engineering (Spl. in Microprocessor Electronics)<sup>9,61</sup>  
 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<sup>1,61,62</sup>  
 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, KOLKATA<sup>64</sup>**

L.C.E.<sup>9,63</sup>

L.E.E.<sup>9,63</sup>

L.E.T.E.<sup>65</sup>

L.M.E.<sup>9,63</sup>

L. Min. E.

L.R.C.E.

*Diploma in*

Architectural Engineering<sup>66</sup>  
 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 Technology<sup>67</sup>  
 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  
Mechanical Engineering

### 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\*

### DR BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, RAIGAD

Institute of Petrochemical Engineering

#### *Diploma in*

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

### 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 Engineering<sup>68</sup>  
Electrical Engineering  
Electrical Engineering Part IV (Evening)  
Electronics Engineering  
Environmental & Pollution Control Engineering  
Mechanical Engineering

### KERALA UNIVERSITY<sup>69</sup>

#### *Diploma in*

Automobile Engineering  
Chemical Engineering  
Civil Engineering  
Electrical Engineering  
Mechanical Engineering

### MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

#### *Diploma in*

Civil Engineering<sup>70</sup>  
Electrical Engineering<sup>70</sup>  
Information Technology  
Mechanical Engineering<sup>70</sup>  
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 Engineering<sup>71</sup>  
Mechanical Engineering

### NAGPUR UNIVERSITY

L.A.E.

L.C.E.

L.E.E.

L.M.E.

### NORTH-EASTERN HILL UNIVERSITY

#### *Diploma in*

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

### ROORKEE UNIVERSITY

#### *Diploma in*

Civil Engineering<sup>72</sup>  
Electrical Engineering<sup>72</sup>  
Mechanical Engineering<sup>72</sup>

#### *Draftsmanship Diploma in*

Civil Engineering<sup>73</sup>  
Mechanical and Electrical Engineering

### SAUGOR UNIVERSITY

#### *Diploma in*

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

\* 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.

**UNIVERSITY OF AGRICULTURAL SCIENCE, DHARWAD**

*Diploma in*

Agricultural Engineering

**COLLEGES, POLYTECHNICS, SCHOOLS AND  
ENGINEERING INSTITUTES**

**ANGEL TECHNICAL COLLEGE (POLYTECHNIC), MUMBAI**

*Diploma in*

Production Engineering<sup>74</sup>

**ASSAM ENGINEERING INSTITUTE, GAUHATI**

*Certificate in*

Civil Engineering

Electrical Engineering

Mechanical Engineering

**SHRI BHAGUBHAI MAFATLAL POLYTECHNIC, MUMBAI**

*Diploma in*

Civil Engineering<sup>75</sup>

Chemical Engineering

Digital Electronics

Electrical Engineering<sup>75</sup>

Industrial Electronics

Mechanical Engineering<sup>75</sup>

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

**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 Diploma<sup>76</sup>

**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 Engineering<sup>77</sup>

Mechanical Engineering<sup>77</sup>

**DIRECTORATE OF INDUSTRIAL TRAINING, HARYANA**

*Diploma in*

Mechanical Engineering<sup>78</sup>

**FOREMAN TRAINING INSTITUTE, BANGALORE**

*Diploma in*

Foremanship

**GANDHIDHAM POLYTECHNIC, ADIPUR, KUTCH**

*Overseer Certificate in*

Civil Engineering

**GOVERNMENT TECHNICAL COLLEGE, HYDERABAD**

L.A.E.

L.C.E.

L.E.E.

L.M.E.

L.M.E.E.

76. Passed in First Class only.

77. Redesignated National Certificate.

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

**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<sup>79, 80</sup>

*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<sup>80A</sup>

**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 Technology<sup>82</sup>

**NATIONAL SUGAR INSTITUTE, KANPUR<sup>81</sup>  
(Ministry of Food and Consumer Affairs)**

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

**NETTUR TECHNICAL TRAINING FOUNDATION, BANGALORE<sup>83</sup>**

4-year Diploma in Tool and Die Making

**NTTF TRAINING CENTRE, BANGALORE**

*Diploma in*

Computer Engineering

Electronics

Mechatronics Engineering<sup>83A</sup>

**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, Jaganathpur (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 Engineering<sup>84</sup>

**PUNJAB AIRCRAFT MAINTENANCE ENGINEERING**

**COLLEGE, PATIALA**

*Diploma in*

Aeronautical Engineering & Aircraft Maintenance

**PUNJAB POLYTECHNIC<sup>85</sup>**

*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)<sup>86</sup>

**SANT LONGOWAL INSTITUTE OF ENGINEERING &**

**TECHNOLOGY, LONGOWAL**

*Diploma in*

Computer Servicing and Engineering<sup>86A</sup>

**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

**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**

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

*Aircraft Apprenticeship Course in*

Airframe Fitter<sup>87</sup>  
Electrical Fitter<sup>87</sup>  
Engine Fitter<sup>87</sup>  
Instrument Fitter<sup>87</sup>  
Radar Fitter<sup>87</sup>  
Radio Fitter<sup>87</sup>  
Weapon Fitter<sup>87</sup>

**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 Assistentship<sup>90</sup>  
Civil Engineering<sup>88</sup>  
Electrical and Mechanical Engineering<sup>89</sup>  
Draftsman Estimating and Design<sup>90</sup>  
Officers Supplementary Engineering Course<sup>91</sup>

**COMMUNICATION TRAINING INSTITUTE<sup>92</sup>, AIR FORCE  
STATION, JALAHALLI, BANGALORE**

Conversion Course to Group I

*Tradesman in*

Radar Fitter<sup>92</sup>  
Radio Fitter<sup>92</sup>

**ELECTRICAL AND INSTRUMENT TRAINING INSTITUTE<sup>94</sup>,  
AIR FORCE STATION, JALAHALLI, BANGALORE**

All Through Course in Electrical Fitter(G)<sup>95,111</sup>  
All Through Course in Instrument Fitter<sup>95,111</sup>

**ELECTRONIC TRAINING INSTITUTE<sup>96</sup>, AIR FORCE  
STATION, JALAHALLI, BANGALORE**

Conversion Course to Group I

*Tradesman in*

Radar Fitter<sup>93</sup>

**E.M.E. SCHOOL, BARODA**

Instrument Mechanics (Basic) Course

**E.M.E. SCHOOL<sup>97</sup>, BARODA AND MILITARY COLLEGE OF  
ELECTRONICS AND MECHANICAL ENGINEERING<sup>98</sup>,  
SECUNDERABAD**

*Diploma in*

Armament Production Technology<sup>99</sup>  
Automobile Engineering<sup>99</sup>  
Electrical Engineering<sup>99</sup>  
Electronics Engineering<sup>99</sup>  
Instrument Engineering<sup>99</sup>  
Mechanical Engineering<sup>99</sup>

**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)<sup>100</sup>

**I.N.S. 'VALSURA', JAMNAGAR**

*Electrical Artificers, 5th Class in*

Control  
Mounting  
Power

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

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

**I.N.S. 'SHIVAJI', LONAVLA, I.N.S. 'VALSURA', JAMNAGAR  
AND NAVAL INSTITUTE OF AERONAUTICAL  
ENGINEERING, COCHIN<sup>101</sup>**

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

**WORKSHOP TRAINING INSTITUTE<sup>102</sup>, AIR FORCE  
STATION, TAMBARAM**

*All Through Training Course in*  
Airframe Fitter<sup>103</sup>  
Engine Fitter<sup>103</sup>  
Weapon Fitter<sup>103</sup>  
Workshop Fitter (Machinist)<sup>103</sup>  
Electricians<sup>104</sup>  
Instrument Repairers<sup>104</sup>  
Mechanical Transport Fitter<sup>105</sup>

**MECHANICAL TRANSPORT TRAINING INSTITUTE<sup>106</sup>, 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)

**NAVAL DOCKYARD SCHOOL, MUMBAI**

General Apprentice Course  
Electrical Engineering-Apprentice Course

**SHIPWRIGHT SCHOOL, MUMBAI<sup>107</sup>**

Shipwright Artificers Course

**SHIPWRIGHT SCHOOL, VISAKHAPATNAM**

Shipwright Artificers Apprentice Course

**SIGNAL TRAINING CENTRES AND COMMAND TRAINING  
SCHOOLS/MILITARY COLLEGE OF  
TELECOMMUNICATION ENGINEERING, MHOW<sup>108</sup>**

Advanced Electronics and Systems Engineering  
Course

*Class I Course of the Corps of Signals in*  
Technician Electronic Radio<sup>109</sup>  
Technician Electronic System<sup>110</sup>

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 Engineering<sup>112</sup>  
Instrumentation<sup>112</sup>  
Mechanical Engineering<sup>112</sup>  
Production Engineering<sup>112</sup>

**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, Jalhalli, 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 UNIT<sup>113</sup>**

*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 UNIT<sup>114</sup>**

*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 UNIT<sup>115</sup>**

*Employee Education Scheme (Advance Course)<sup>116</sup> in*

Chemical Engineering  
Electrical Engineering  
Mechanical Engineering  
Instrumentation Engineering

**RASHTRIYA CHEMICALS AND FERTILIZERS LTD.,**

**TROMBAY UNIT<sup>117</sup>**

*Part-time Advance Course in*

Chemical Technology  
Electrical Technology<sup>118</sup>  
Instrumentation Technology<sup>118</sup>  
Mechanical Technology<sup>118</sup>  
Production Technology

**RAILWAY ESTABLISHMENTS**

**CENTRAL RAILWAY SYSTEM TECHNICAL SCHOOL,  
JHANSI**

Apprentice Mechanics  
Final Examination

**INDIAN RAILWAYS INSTITUTE OF MECHANICAL AND  
ELECTRICAL ENGINEERING, JAMALPUR<sup>119</sup>**

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  
CENTRE<sup>120</sup>, BANGALORE**

Apprentice Train Examiner<sup>121</sup>

**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.