**Engineering streams notified below at Para 3. To become eligible for induction into TGC-140 course at Indian Military Academy (IMA) Dehradun, candidates studying in final year of engineering are required to submit proof of passing Engineering Degree Examination alongwith marksheets of all semesters/years by 01 Jan 2025 to Directorate General of Recruiting and ensure that the cumulative percentage of marks upto final semester/ year is not less than the approved cut off percentage, failing which the candidature will be cancelled.**

**<u>Note-3</u>. Final semester/year studying candidates will be provisionally allowed to appear in SSB; subject to following conditions:-**

**(a) Their cumulative percentage of marks upto 6th semester/3rd year of Engineering degree, upto 8th semester/4th year of B. Architecture (B.Arch) and upto 2nd semester/1st year of M.Sc in notified equivalent stream/ discipline is not below the approved cut off percentage in their respective streams.**

**(b) After declaration of final results, the cumulative percentage of marks upto final semester/ year of degree course will also be not less than the approved cut off percentage, failing which the candidature will be cancelled.**

**<u>Note-4</u>. Candidates studying in final year/semester of Engineering degree course should not have any backlog at the time of submission of application. Any candidate if found having backlog will not be allowed to appear in SSB interview and candidature of such candidates will be cancelled.**

**3.** **<u>Vacancies</u>**. Candidates must note that only the Engineering streams and their acceptable equivalent streams, strictly as notified in the table below, will be accepted. Candidates with degrees in any other Engineering stream(s) are not eligible to apply. **Any variation between the nomenclature of engineering stream as given on the degree parchment / marksheet and that submitted by the candidate in his online application will result in cancellation of candidature.**

| Core Engineering stream | Engineering Streams (Listed in AI) | Equivalent Engineering Streams (As per requirement of Tech Dtes) | Vacs Release for TGC-140 course |
|---|---|---|---|
| Civil | (a) Civil<br>(b) Building Construction & Technology | (i) Civil Engineering<br>(ii) Civil Engineering (Structural Engineering )<br>(iii) Structural Engineering<br>(iv) Building Engineering and Construction<br>(v) Building and Construction Technology<br>(vi) Civil and Rural Engineering<br>(vii) Civil Engineering and Planning<br>(viii) Civil Engineering (Construction Technology)<br>(ix) Civil and Infrastructure Engineering<br>(x) Civil Technology<br>(xi) Construction Engineering<br>(xii) Construction Engineering and Management<br>(xiii) Construction Technology<br>(xiv) Construction Technology and Management<br>(xv) Geo Informatics<br>(xvi) Civil and Environmental Engineering | **07** |

| Core Engineering stream | Engineering Streams (Listed in AI) | Equivalent Engineering Streams (As per requirement of Tech Dtes) | Vacs Release for TGC-140 course |
|---|---|---|---|
| | | (xvii) Civil Engineering (Environmental Engineering)<br>(xviii) Civil Engineering Environmental and Pollution Control<br>(xix) Environment Engineering<br>(xx) Environmental Engineering<br>(xxi) Environmental Science and Engineering<br>(xxii) Environmental Science and Technology<br>(xxiii) Civil Engineering(Public Health Engineering)<br>(xxiv) Environmental Planning<br>(xxv) Building Constr Technology | |
| Computer Science | (a) Computer Sc & Engg<br>(b) Computer Technology<br>(c) M. Sc. Computer Sc<br>(d) Information Technology | (i) Computer Engineering<br>(ii) Computer Science<br>(iii) Computer Technology<br>(iv) Computer Science & Engineering<br>(v) Computer Science Engineering<br>(vi) 3-D Animation and Graphics<br>(vii) Advanced Computer Application<br>(viii) Computer and Communication Engineering<br>(ix) Computer Engineering and Application<br>(x) Computer Networking<br>(xi) Computer Science and Technology<br>(xii) Computer Science and Information Technology<br>(xiii) Computer Science and System Engineering<br>(xiv) Computing in Computing<br>(xv) Computing in Multimedia<br>(xvi) Computing in Software<br>(xvii) Electrical and Computer Engineering<br>(xviii) Electronics and Computer Science<br>(xix) Electronics and Computer Engineering<br>(xx) Mathematics and Computing<br>(xxi) Computer Engineering (Software Engineering)<br>(xxii) Computer Science & Engineering (Networks)<br>(xxiii) Nano Science & Technology<br>(xxiv) Artificial Intelligence<br>(xxv) Machine Learning<br>(xxvi) Data Science Programme<br>(xxvii) Nano Technology<br>(xxviii) Robotics & Automation<br>(xxix) Automation & Robotics<br>(xxx) Mechatronics Engineering<br>(xxxi) M.Sc. Computer Science<br>(xxxii) M.Sc. Computer Technology<br>(xxxiii) Information Technology<br>(xxxiv) Information Science & Engineering<br>(xxxv) Software Engineering<br>(xxxvi) Information and Communication | **07** |

| Core Engineering stream | Engineering Streams (Listed in AI) | Equivalent Engineering Streams (As per requirement of Tech Dtes) | Vacs Release for TGC-140 course |
|---|---|---|---|
| | | Technology<br>(xxxvii) Information Engineering<br>(xxxviii) Information Science and Technology<br>(xxxix) Information Technology and Engineering<br>(xxxx) M.Sc Information Technology<br>(xxxxi) M.Sc Information and Communication Technology | |
| Electrical | (a) Electrical<br>(b) Electrical and Electronics<br>(c) Electronics & Instrumentation<br>(d) Instrumentation | (i) Electrical Engineering<br>(ii) Electrical Engineering (Electronics & Power)<br>(iii) Power System Engineering<br>(iv) Electrical & Electronics Engineering<br>(v) Electrical & Electronics (Power System)<br>(vi) Electrical and Mechanical Engineering<br>(vii) Electrical and Power Engineering<br>(viii) Electrical Instrumentation Engineering<br>(ix) Electrical Instrumentation & Control Engineering<br>(x) Electrical, Electronics and Power<br>(xi) Applied Electronics & Instrumentation Engineering<br>(xii) Electronics & Instrumentation Engineering<br>(xiii) Electronics Instrumentation & Control Engineering<br>(xiv) Instrumentation & Control Engineering<br>(xv) Instrumentation Technology<br>(xvi) Instrumentation & Electronics<br>(xvii) Instrumentation Engineering<br>(xviii) Electronics Communication & Instrumentation Engineering | **03** |
| Electronics | (a) Electronics<br>(b) Electronics & Telecom<br>(c) Electronics & Communication<br>(d) Fibre Optics<br>(e) Telecommunication<br>(f) Micro Electronics & Microwave<br>(g) Opto Electronics<br>(h) Satellite Communication | (i) Electronics Engineering<br>(ii) Power Electronics & Drives<br>(iii) Power Electronics<br>(iv) Power Electronics & Instrumentation Engineering<br>(v) Electronics and Power Engineering<br>(vi) Digital Techniques for Design and Planning<br>(vii) Electronics Science and Engineering<br>(viii) Electronics and Control Systems<br>(ix) Electronics and Electrical Engineering<br>(x) Electronics Design Technology<br>(xi) Electronics System Engineering<br>(xii) Electronics Technology<br>(xiii) Radio Physics and Electronics<br>(xiv) Electronics and Biomedical Engineering<br>(xv) Optics & Opto Electronics<br>(xvi) Electronics & Telemetric Engineering<br>(xvii) Electronics and Telematics | **04** |

| Core Engineering stream | Engineering Streams (Listed in AI) | Equivalent Engineering Streams (As per requirement of Tech Dtes) | Vacs Release for TGC-140 course |
|---|---|---|---|
| | | Engineering<br>(xviii) Electronics & Telecommunication Engineering<br>(xix) Electronics and Telecommunication Engineering (Technologynician Electronic Radio)<br>(xx) Electronics and Telecommunication Engineering (Technology in Electric Radio)<br>(xxi) M.Sc Electronics & Telecommunication<br>(xxii) Electronics & Communication Engineering<br>(xxiii) Electronics & Electrical Communication Engineering<br>(xxiv) Communication Engineering<br>(xxv) Applied Electronics & Communications<br>(xxvi) Electronics & Communication (Communication System Engineering)<br>(xxvii) Electronics & Communication Engineering (industry Integrated)<br>(xxviii) Electronics & Communication Engineering (Microwave)<br>(xxix) Advanced Communication and Information System<br>(xxx) Advanced Electronics and Communication Engineering<br>(xxxi) M. Sc. Communication<br>(xxxii) M. Sc. Microelectronics & Advanced Communication<br>(xxxiii) Fibre Optics<br>(xxxiv) Telecommunication Engineering<br>(xxxv) Micro Electronics and Microwave Engineering<br>(xxxvi) Opto Electronics<br>(xxxvii) Optics & Opto Electronics Engineering<br>(xxxviii) Satellite Communication | |
| Mechanical | (a) Mechanical<br>(b) Production<br>(c) Automobile<br>(d) Industrial<br>(e) Industrial/ Manufacturing<br>(f) Industrial Engg & Mgt<br>(g) Workshop Technology<br>(h) Aeronautical<br>(j) Aerospace<br>(k) Avionics | (i) Mechanical Engineering<br>(ii) Mechanical (Mechatronics) Engineering<br>(iii) Mechanical & Automation Engineering<br>(iv) Advance Mechatronics and Industrial Automation Engineering<br>(v) Production Engineering<br>(vi) Product Design & Development<br>(vii) Production Engineering & Management<br>(viii) Production & Industrial Engineering<br>(ix) Automobile Engineering<br>(x) Automobile Maintenance Engineering<br>(xi) Automotive Technology | **07** |

| Core Engineering stream | Engineering Streams (Listed in AI) | Equivalent Engineering Streams (As per requirement of Tech Dtes) | Vacs Release for TGC-140 course |
|---|---|---|---|
| | | (xii) Mechanical Engineering (Automobile)<br>(xiii) Mechanical Engineering (Industry Integrated)<br>(xiv) Mechanical Engineering (Manufacturing Engineering)<br>(xv) Mechanical Engineering (Production)<br>(xvi) Mechanical Engineering (Welding Technology)<br>(xvii) Mechanical Engineering Automobile<br>(xviii) Mechanical Engineering Design<br>(xix) Industrial Engineering<br>(xx) Industrial Engineering & Management Engineering<br>(xxi) Industrial & Production Engineering<br>(xxii) Industrial / Manufacturing Engineering<br>(xxiii) Industrial Engg & Mgt Engineering<br>(xxiv) Manufacturing Engineering<br>(xxv) Manufacturing Engineering & Technology<br>(xxvi) Manufacturing Process & Automation Engineering<br>(xxvii) Manufacturing Science & Engineering<br>(xviii) Manufacturing Technology<br>(xix) Workshop Technology<br>(xx) Aeronautical Engineering<br>(xxi) Aerospace Engineering<br>(xxii) Aero Space Engineering<br>(xxiii) Aircraft Maintenance Engineering<br>(xxiv) Avionics Engineering<br>(xxv) Aviation Engineering | |
| Misc Engg Streams | (a) Architecture<br>(b) Plastic Tech<br>(c) Remote Sensing<br>(d) Ballistics<br>(e) Bio Medical Engg<br>(f) Food Tech<br>(g) Agriculture<br>(h) Metallurgical<br>(j) Metallurgy and Explosive<br>(k) Laser Tech<br>(l) Bio Tech<br>(m) Rubber Technology<br>(n) Chemical Engg<br>(o) Transportation Engineering<br>(p) Mining<br>(q) Nuclear Technology<br>(r) Textile | (i) Architecture Engineering<br>(ii) Architectural Engineering<br>(iii) Architectural Assistantship<br>(iv) Architecture and Interior Decoration<br>(v) Architecture Assistantship<br>(vi) Plastic Technology<br>(vii) Remote Sensing<br>(viii) Ballistics Engineering<br>(ix) Bio Medical Engineering<br>(x) Medical Electronics<br>(xi) Food Technology<br>(xii) Agriculture Engineering<br>(xiii) Metallurgical Engineering<br>(xiv) Metallurgy & Material Technology<br>(xv) Metallurgy & Material Engineering<br>(xvi) Metallurgical & Engineering & Material Science<br>(xvii) Metallurgy and Explosives Engineering<br>(xviii) Laser Technology<br>(xix) Bio Technology<br>(xx) Rubber Technology<br>(xxi) Chemical Engineering<br>(xxii) Transportation Engineering | **02** |

| Core Engineering stream | Engineering Streams (Listed in AI) | Equivalent Engineering Streams (As per requirement of Tech Dtes) | Vacs Release for TGC-140 course |
|---|---|---|---|
| | | (xxiii) Mining<br>(xxiv) Nuclear Technology<br>(xxv) Textile Engineering | |
| **Total** | | | **30** |

**Note 1**. **These vacancies are tentative and may be changed depending on organizational requirements**.

**Note 2**. **Recommended candidates of TGC-140th course (Jan 2025) whose merit is not within the number of allotted vacancies of respective Engineering streams, may be offered to join Short Service Commission (Tech) Course (Apr 2025), subject to meeting all other eligibility conditions & availability of unutilised vacs in SSC(T) course.**

**4. Type of Commission**

(a) **Grant of Commission**. Selected candidates will be granted Short Service Commission on probation in the rank of Lieutenant from the date of commencement of the course or the date of reporting at **Indian Military Academy (IMA), Dehradun**, whichever is later and will be entitled to full pay and allowances admissible to Lieutenant during training period. Pay & Allowances will be paid after successful completion of training.

(b) **Permanent Commission**. On successful completion of training cadets will be granted Permanent Commission in the Army in the rank of Lieutenant.

(c) **Ante Date Seniority**. One year ante date seniority from the date of commission will be granted to Engineering Graduates of TGC Entry in the rank of Lieutenant.

**5. Training**

(a) Selected candidates will be detailed for training at Indian Military Academy, Dehradun according to their position in the final order of merit (engineering stream-wise) upto the number of available vacancies and subject to meeting all eligibility criteria.

(b) Duration of training - About 12 Months.

(c) Candidates will neither be allowed to marry during the period of training nor he be allowed to live with parents/Guardians. Candidates must not marry until they complete the full training at the Indian Military Academy, Dehradun. A candidate, if he marries while under training, shall be **discharged** and will be liable to refund all expenditure incurred on him by the government. A candidate, who marries subsequent to the date of his application, though successful at the Service Selection Board interview and medical examination, will **not** be inducted for training, and his candidature will be **cancelled**.

(d) **Cost of Training**. The entire cost of training at **Indian Military Academy (IMA) Dehradun** is at Government expense. In case the Gentleman Cadet is withdrawn from Training Academy due to reasons other than medical ground or the reasons not beyond his control, he will be liable to refund cost of training @ ₹ **16260/-** per week as per Mod letter No 16(1)/2017-D(GS.II) dt 15 Mar 22, the annual increment is 8% and as notified from time to time (for the period of candidate's stay at the IMA, Dehradun). The cost of training borne by State, will be recovered from candidates withdrawing for personal reasons.