

4. Eligibility Criteria

A. Qualifying Degrees and Other Academic Requirements for OCES/DGFS-2024:

Candidates whose qualifying degree name includes the core degree name with any specialization are also eligible for OCES/DGFS-2024 programme. Also refer to names of the degrees which are NOT eligible for OCES/DGFS programme as mentioned below

a) For Engineering OCES Disciplines (Exam Discipline Codes ME (21), CH (22), MT(23), EE(24), EC(25), CS(26), IN(27), CE(28),) as per [Table-1a](#)):

- i.** B.E. / B.Tech / B.Sc (Engineering) / 5-year Integrated M.Tech. with a minimum of 60%* aggregate marks (or minimum of 6.0 CGPA on a scale of 10 or equivalent) in one of the above mentioned nine engineering disciplines mentioned in [Table-1a](#).
- ii.** Applicants opting to be considered on the basis of a GATE Score must have **GATE-2022 and/or GATE-2023 and/or GATE-2024 Score in the same GATE paper/subject as the qualifying degree discipline. The applicable GATE paper/subjects are listed in [Table-1a](#).**
- iii.** Those having qualifying degree in branches like Aerospace, Automobile, Automotive, Aeronautical Engineering, Mechanical & Automation Engineering, Industrial Production Engineering, Manufacturing Engineering, Mining Machinery Engg., Industrial Metallurgy Engineering, Reliability Engineering, Ceramics Engineering, Architecture Engineering, Geology Engineering, Mining Engineering, Marine Engineering, Bio-Medical Electronics/ Instruments Engineering, Communication Engineering, Information Technology, Mechatronics Engineering, Dyes & Dye Intermediates, Electrochemical Engineering, Energy Systems, Chemical Engineering with specialization in Refining & Petrochemicals, Chemical Technology with specialization in petrochemicals, Chemical Technology, Biochemical Engineering, Oils & Fats Engineering, Paints & Varnishes Engineering, Refining & Petrochemicals Engineering, Petrochemicals Engineering, Plastics Engineering, Paper Engineering, Sugar Technology, Textiles Engineering, Computer Science & System Engineering, Master of Computer Applications, Control Engineering, Power Engineering, Power Plant Engineering, Software Engineering, Electronics & Computer Engineering, Information Science/ Technology, Biomedical Electronics Engineering, Biomedical Instrumentation Engineering, Chemical Science & Technology, Chemical Technology, Biochemical Engineering, Energy Engineering, Environmental Science Engineering, Structural Engineering,

Biotechnology and Biochemical Engg., M.E. in CAD/ CAM, M.Sc in Computer Science, M.Sc in Computer Applications (MCA), B.Sc Computer Science, B.Sc. Electronics, M.Sc Electronics, BSMS programme in Electrical Engineering & Computer Sciences, BS in Chemical Engineering, Mechatronics, BSMS in Electrical & Computer Engg. BSMS(3 +2 yrs) programme in Electronics etc., are **NOT** eligible.

b) For Physics Discipline (Exam Discipline Code PH (41)) (Table-1b):

- i. M.Sc or Integrated M. Sc. in Physics / Applied Physics with specialization in Nuclear Physics, Solid State physics, Condensed matter physics, atomic and molecular physics, Particle/ high Energy physics with Physics and Mathematics at **B.Sc. / BE / B. Tech./ B.Sc. (Engg.)** or at subsidiary and/or ancillary level in case of 5-year integrated M.Sc. or B.E./ B.Tech. / B. Sc. (Engg.) / **Integrated M.Tech** in “**Engineering Physics**” with a minimum of 60%* aggregate marks (or minimum of 6.0 CGPA on a scale of 10 or equivalent) in the qualifying degree.
- ii. M. Sc. or Integrated M. Sc. candidates (other than those applying with a 5-year integrated M. Sc. degree) must additionally have a minimum of 60%* aggregate marks (or minimum of 6.0 CGPA on a scale of 10 or equivalent) in **B. Sc / B.E. / B. Tech. / B. Sc. (Engg.)**.
- iii. Physics postgraduate applicants opting to be considered on the basis of a GATE Score should have **GATE-2022, GATE-2023 or GATE-2024** score in “Physics” GATE paper.
- iv. Applicants having B.E./ B. Tech / B. Sc (Engg.) in “Engineering Physics” as qualifying degree can apply on the basis of **GATE-2022 and/or GATE-2023 and/or GATE-2024** score either in “Physics” or in “Engineering Sciences” GATE paper.
- v. Those having M.Sc. with specialization in Nanoscience & Technology, Medical Physics, Chemical Physics., Astronomy, Geophysics, M. Tech. in physics (Nanomaterials and Nanotechnology) etc. are **NOT** eligible.

c) For Chemistry Discipline (Exam Discipline Code CY (42)) (Table-1b):

- i. M.Sc or Integrated M. Sc. in Chemistry, Physical chemistry, Organic chemistry,

Inorganic chemistry, and Analytical chemistry with Physics up to B.Sc. or up to subsidiary and / or ancillary level in case of 5-year integrated M.Sc and Mathematics at Std. XII or at B. Sc or at subsidiary and / or ancillary level in case of 5-year integrated M.Sc, with a minimum of 60%* (or minimum of 6.0 CGPA on a scale of 10 or equivalent) aggregate marks in M.Sc.

- ii. All candidates (other than those applying with a 5-year integrated M.Sc degree) must additionally have a minimum of 60%* aggregate marks (or minimum of 6.0 CGPA on a scale of 10 or equivalent) in B.Sc.
- iii. Applicants opting to be considered on the basis of a GATE Score should have **GATE-2022 and/or GATE-2023 and/or GATE-2024** Score in "Chemistry" GATE paper.
- iv. M.Sc or Integrated M. Sc. in Nanoscience / Nanotechnology Chemistry, Industrial Chemistry, Applied Chemistry, Textile chemistry, Environmental Chemistry, **Petroleum Chemistry, Nanoscience, Nanotechnology, Pharmaceutical Chemistry, Chemical Science & Technology**, Applied Natural Science, Chemistry (with specialisation in applied chemistry), M. Sc in Pharmaceutical Chemistry, M. Pharm. in Pharmaceutical Analysis, etc. are **NOT** eligible.

d) For Bioscience Discipline (Exam Discipline code 43) (Table-1b):

- i. M.Sc. or Integrated M. Sc. in Biosciences, Life Sciences, Agriculture, Biochemistry, Microbiology, Molecular Biology, Biotechnology, Genetics, Botany, Zoology, Plant Science, Plant Breeding, Plant Pathology, Entomology, **Food Technology, Food Science**, , Animal Science, Biomedical Sciences, **Bioinformatics /Computational Biology and BSMS in Biosciences** with a minimum of 60%* aggregate marks (or minimum of 6.0 CGPA on a scale of 10 or equivalent) in M.Sc. as well as in B.Sc. (except for 5-year integrated M.Sc.); **or** B.E. / B.Tech. / B.Sc. (Tech) only in Food Technology with minimum of 60%* aggregate marks (or minimum of 6.0 CGPA on a scale of 10 or equivalent).
- ii. M.Sc. applicants should have studied one out of Physics or Chemistry or Biochemistry or Agriculture Chemistry as a subject at the B.Sc. stage or at subsidiary and / or ancillary level in case of 5- year integrated M.Sc.
- iii. Applicants opting to be considered on the basis of a GATE Score should have **GATE-2022 and/or GATE-2023 and/or GATE-2024** Score in "Life Sciences" or in "Biotechnology".

- iv Those having M.Sc. with specialization in subjects like Fisheries, Horticulture, Forestry, Agronomy, Animal Husbandry, Marine Biology, Bio-analytical Sciences, Home Science, Plant Molecular Biology & Biotechnology Nutrition Biology, Environmental Science, Bio-analytical Sciences, Biophysics and Molecular Biology, Agriculture with specialization in Environmental Science, Climate Science, Virology, Agricultural Entomology etc. and B.E. / B.Tech. / B. Sc.(Tech) in Biotechnology, Genetic Engineering, Biomedical Engineering, Food Process Engineering, B. Sc. in Biotechnology, M. Tech. in **Food Science & Technology** etc. are **NOT eligible**.

e) For Geology Discipline (Exam Code 45) (Table-1b):

- i. M.Sc or equivalent M.Tech in Geology, Applied Geology, Applied Geochemistry with Geology at B.Sc or upto subsidiary and / or ancillary level in case of 5 or 6-year integrated M.Sc or 5 or 6 year integrated M.Tech. in Geological Technology.
- ii. Eligible candidates must have two subjects out of Mathematics, Physics and Chemistry up to B.Sc or at subsidiary and/or ancillary level in case of 5 or 6-year integrated M.Sc/5-year integrated M.Tech., with a minimum of 60%* aggregate marks (or minimum of 6.0 CGPA on a scale of 10 or equivalent) in M.Sc/M.Tech.
- iii. All eligible candidates (other than those applying with a 5-year integrated M.Sc / M.Tech. degree) must have a minimum of 60%* aggregate marks (or minimum of 6.0 CGPA on a scale of 10 or equivalent) in B. Sc. also.
- iv. Additionally, eligible candidates must have passed Mathematics in Std. XII.
- v. All applicants opting to be considered on the basis of a GATE Score should **GATE-2022 and/or GATE-2023 and/or GATE-2024** Score in GATE Paper/subject "Geology & Geophysics".
- vii. Those having B. Tech in Geology, Mining Engg., M. Sc. in Geo-informatics, Environmental Science with specialization in Remote sensing and GIS etc. are **NOT** eligible.

j) Only regular M.Sc. degree is eligible. Those having M.Sc. (by research), M.Sc.(distant education), MSc. (part time) are not eligible.

***A minimum of 60% aggregate marks (or minimum of 6.0 CGPA# on the scale of 10.0 or equivalent) means the marks as per the ordinances of the respective university. Applicants, who have been awarded with LETTER grades, should convert into percentage as per the ordinances of the respective university.**

#Conversion of CGPA marks to the percentage should be as per the ordinances of the respective university, if available.