

## 4. Minimum Qualification for Admission

### Ph.D. in Engineering Stream:

- 10+2+4+2 (pattern of studies) or any equivalent in Engineering degree
- 10+2+5 year Integrated M.Tech. programme, Integrated M.S Programme in Engineering
- 10+2+4+1 for Ph.D. in Engineering (Foreign Degree holders also eligible to apply)

### Ph.D. in Non-Engineering Stream:

- 10+2+3+2 (pattern of studies) or any equivalent in Non-Engineering degree
- 10+2+5 year Integrated. M.Sc. (Biotech) in Non-Engineering degree

### Direct Ph.D. in Engineering Stream:

- 10+2+4 or 5 (pattern of studies) or any equivalent degree in Engineering degree

### Direct Ph.D. in Non-Engineering Stream:

- 10+2+4 year B.Sc. (Agriculture—4 year course) is eligible to register under School of BioSciences and Technology

### Ph.D. in Engineering:

Master's degree in Engineering / Technology in the relevant discipline with a minimum of 60% marks (of all the years semesters) wherever marks are awarded, or a CGPA 6.5 on a 10-point scale in cases where letter grades are awarded or Equivalent qualifications like M.Sc. (Engineering)/M.S. [By Research] / M.Tech. [By Research].

### M.Sc. Computer Science, M.Sc. (IT), and MCA degree holders are eligible to apply for a Ph.D. Programme in Computer Science Engineering / Information Technology.

For all research programmes, it is mandatory that candidates should have studied their previous degree programmes (UG and PG) in the regular, full-time mode.

### For Direct Ph.D. in Engineering / Technology:

Graduates must have an outstanding academic record in their Bachelor's Degree in Engineering / Technology is eligible to apply. A minimum of 75% marks or a CGPA of 7.5 is mandatory on a 10- point scale.

### For Direct Ph.D. in Non-Engineering Stream:

Graduates must have an outstanding academic record in their Bachelor's Degree in B.Sc. (Agriculture —4 year course) is eligible to apply. A minimum of 75% marks or a CGPA of 7.5 is mandatory on a 10- point scale.

### For Ph.D. in Sciences:

Master's degree in the relevant discipline of science with a minimum of 60% marks or a CGPA of 6.5 on a 10-point scale is mandatory.

### For Ph.D. in Languages:

Master's degree in the relevant discipline of Social sciences and Languages with a minimum of 60% marks or a CGPA of 6.5 on a 10-point scale is mandatory.

### For Ph.D. in Management:

A master's degree in Business Administration / CA / ICWA/M.A. Economics/M.Com/M.Tech with a minimum of 60% marks or a CGPA of 6.5 on a 10-point scale is required.

**For Ph.D. in Hospitality Management: (Offered in Vellore Campus Only)**

Candidates must have a master's degree in Hotel Management {(MHM, M.Sc.-HM, MHMCT, MBA (Hospitality))} or Tourism Management {MA (Tourism), MTM, MTTM, MBA (Tourism)} from any accredited Indian or Foreign university with a minimum of 60% marks or a CGPA of 6.5 on a 10- point scale.

**For Ph.D. in Design & Planning: (Offered in Vellore Campus Only)**

A master's degree in Design / Planning, M.Tech, M.E., MSc (Physiology), any master's degree in Arts, Media Studies, Multimedia and Animation in full-time or regular mode of education with 60% marks, or a CGPA of 6.5, on a 10-point scale is mandatory.

**For Ph.D. in Architecture and Planning (Offered in Vellore Campus Only)**

Candidates should have a bachelor's degree in Architecture/ Planning and a master's degree in Architecture/ Design/Planning/Building Engineering and Management or its equivalent in full- time or regular mode of education with an aggregate of 60% (of all the years/semesters) or a CGPA of 6.5 on a 10- point scale wherever letter grades are awarded.

**For Ph.D. in Media, Arts and Technology (Offered in Vellore Campus Only)**

A relevant Master's degree in Communication / Journalism & Mass Communication / Electronic Media / Media Arts / Multimedia or equivalent in full time mode with 60% marks, or a CGPA of 6.5 on a 10-point scale is mandatory.

**Eligibility for Ph.D. in Agriculture (Offered in Vellore Campus Only)****Agronomy**

M.Sc. (Agriculture) in Agronomy with a minimum of 60% marks or 6.5 CGPA on a 10-point scale.

**Plant Breeding and Genetics**

M.Sc. (Agriculture) in Plant Breeding and Genetics with a minimum of 60% marks or 6.5 CGPA on a 10-point scale.

**Agricultural Biotechnology**

M.Sc. or M.Tech in Agricultural Biotechnology / Biotechnology / Molecular Biology and Biotechnology or M.Sc. in any other relevant agriculture subjects with a minimum of 60% marks or a 6.5 CGPA on a 10-point scale

**Agricultural Entomology**

M.Sc. (Agriculture) in Agricultural Entomology with a minimum of 60% marks or a 6.5 CGPA on a 10-point scale

## 5. Agricultural Engineering

B.E./ B.Tech. in Agricultural/Environmental/Civil/Mechanical or any equivalent discipline and M.E/ M.Tech in Soil and Water Conservation /Environmental/ Land and Water Resource/ Irrigation/ Farm Machinery and Power engineering or any other equivalent discipline with a minimum of 60% marks or 6.5 CGPA on a 10-point scale.

## 6. Microbial Technology

M.Sc. Microbiology, M.Sc. Biotechnology, M.Sc. Biochemistry, M.Sc. Agricultural Microbiology with a minimum of 60% marks or 6.5 CGPA on a 10-point scale.

## 7. Food Science and Technology

Master's degree in Food Science / Food Science and Technology / Food Technology / Food Processing / Post Harvest Technology / Dairy Technology and related disciplines with a minimum of 60% marks or 6.5 CGPA on a 10-point scale.

## 8. Horticulture

M.Sc. Horticulture (Vegetable Science)/ Horticulture (Fruit Science) with specialization in the specific subjects with a minimum of 60% marks or 6.5 CGPA on a 10-point scale.

## 9. Agricultural Extension Education

Master's degree in Agricultural Extension/Agricultural Extension & Communication / Agricultural Extension Education /Veterinary Extension/Dairy Extension/Fisheries Extension with a minimum of 60% marks or 6.5 CGPA on a 10-point scale.

## 10. Agri-business Management

Master's degree in Agri-business Management, /Agricultural Marketing & Co-operation / Agricultural Economics/ Business Management with specialization in Agriculture with a minimum of 60% marks or 6.5 CGPA on a 10-point scale.

## 11. Plant Pathology

M.Sc. Plant Pathology with a minimum of 60% marks or 6.5 CGPA on a 10-point scale.

## 12. Seed science and Technology

M.Sc. Seed science and Technology with a minimum of 60% marks or 6.5 CGPA on a 10-point scale.

## Eligibility for Ph.D. in Healthcare Science and Engineering (Offered in Vellore Campus Only)

Master's degree in Bioengineering, Biomedical, Biotechnology, Electrical and Electronics, Computer Science, Chemical, Instrumentation, Data Science, Design, Bioinformatics M.Sc. – Health Sciences, Medical Physics, Computer sciences, Physics, Chemistry, Mathematics, Material Science, Biological/Biochemical Sciences, Life Sciences.

MBBS/MS/MD/BDS/MDS/Diploma in National Board (DNB)

### **Eligibility for Ph.D. in Law: (Offered in VIT-Chennai & VIT-AP Campuses Only)**

Master's Degree in law (LLM / ML) from any recognized university / Institute, in the relevant field with a minimum of 60% marks or 6.5 CGPA on a 10-point scale.

### **Eligibility for Ph.D. in Fashion Technology: (Offered in Chennai Campus Only-**

Master's degree in the relevant areas of Technology, Design / Science (or) Management (or) equivalent qualification from an institute/ university of national/ international repute with a first class or a minimum of 60% marks/CGPA 6.5 on a 10-point scale.

## **Relevant Areas**

### **1. Technology**

M.E / M.Tech. / M. Fashion Tech. / M.S [By Research] / M.Tech [By Research] in the field of Textile Tech. / Textile Engg. / Fibre Science / Textile Chemistry / Textile Chemical Processing/ Fashion Tech. / Apparel Tech. / Garment Technology.

**2. Design / Science** - M. Design / M.Sc. in the field Costume Design and Fashion / Apparel Design/ Fashion Design / Apparel and Fashion Design / Textile Design / Textile and Apparel Design/ Knitwear Design / Accessory Design is needed.

**3. Management** - Candidates must have a master's degree in the field of Fashion Management / Apparel Management / Fashion Marketing/ Fashion Merchandising.

## 5. Eligibility for “Deep Tech Research” Chancellor Fellowship

### (Offered in Vellore and Chennai Campus Only )

Graduates must have an outstanding academic record in their Bachelor’s Degree in Engineering / Technology is eligible to apply. A minimum of 75% marks or a CGPA of 7.5 is mandatory on a 10- pointscale or Master’s degree in Engineering / Technology in the relevant discipline with a minimum of 75%marks (of all the years /semesters) wherever marks are awarded, or a CGPA 7.5 on a 10-point scale in cases where letter grades are awarded or Equivalent qualifications like M.Sc. Data Science / M.Sc. (Engineering) / M.S. [By Research] / M.Tech. [By Research] in full-time or regular mode of education is mandatory

#### Research Domains identified

- Artificial Intelligence/Generative AI (Healthcare/Climate/Environment/Energy/Finance)
- Machine Learning/Deep Learning
- Wireless Networks/IOT
- Image and Vision Computing
- Autonomous Robot
- Quantum Computing
- Cyber Security
- Space Technologies
- Block chain Technologies
- Precision Agriculture
- Sustainable development
- Biotechnology (Genomics/Synthetic Biology/Food production/Fuel)
- Any other areas mentioned by NITI Ayog

### Chancellor Fellowship : Ph.D. (Deep Technology)

VIT Fellowship	GATE Qualified (Above 60 Percentile)	Others
First year	₹ 40,000	₹ 35,000
Second year	₹ 50,000	₹ 45,000
Third year	₹ 50,000	₹ 45,000