

VJTI MUMBAI

वीरमाता जिजाबाई तंत्रज्ञान संस्था

Veermata Jijabai Technological Institute

(Autonomous Institute of Govt. of Maharashtra)

H. R. Mahajani Road, Matunga (East), Mumbai - 400 019

Phone: +91 22 24198101/102 • Fax: +91 22 24102874 • www.vjti.ac.in



INFORMATION BROCHURE AND APPLICATION FORM

For

Admission to Doctor of Philosophy (Ph. D.) Programs

AY 2026-27

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1. Ph.D. programmes offered by VJTI

The Doctor of Philosophy (Ph.D.) Programme is offered by the following Departments in the related areas of research are as follows.

Programme Code	Programme Name	Broad Areas of Research
901	Civil Engineering <i>Facilities available:-</i> https://vjti.ac.in/civil-environmental-engineering/	Construction Management, Construction Engineering, Construction techniques, Construction Materials, Construction Technology, Contract management, Geospatial technology, Building drawings, Transportation Engineering Environmental engineering, Solid waste hazard management, Industrial waste hazard management, Environmental Impact Assessment, Advance Hydraulic, Water resource management, Air and Noise Pollution, Environmental Sustainability, Irrigation Engineering, Water resource management, Advanced Hydrology, Ground Water Hydrology, Open channel flow, Dam and Hydraulics Structure, Geospatial technology, Structural Health Monitoring, Composite Materials, Performance based design for tall structures, Stability and Seismic Analysis of Cold-formed steel structures, Geotechnical Engineering.
902	Mechanical Engineering <i>Facilities available:-</i> Mechanical Engineering – VJTI Mumbai	Design Engineering, Thermal Engineering, Rapid Manufacturing, Digital Manufacturing, Non-Traditional Manufacturing, Micro-Manufacturing, Automobile Engineering, Vehicle Dynamics, Surface Engineering, Decision Sciences, Multi-criteria Decision-Making, Scheduling and Sequencing, I.C.Engines, Advanced Heat Transfer, Electric and Hybrid Vehicles, Battery Managements Systems in E-Vehicles, Heat Exchangers, Cryogenics, HVAC, Fluid Flow Analysis, Green Hydrogen, Statistical Thermodynamics, Fluid Dynamics, Gas Dynamics, Computational Fluid Dynamics, Fluid Machinery, condition monitoring and AI ML and Digital twin, Tribology and AI ML
903	Electrical Engineering <i>Facilities available:-</i> https://vjti.ac.in/electrical-engineering/	Renewable integrated grid operation, power system analysis, stability, control, computational electromagnetics, RF and microwaves, antennas.
906	Electronics Engineering <i>Facilities available:-</i> https://vjti.ac.in/electrical-engineering/	Optics and Sensing, Sensor designing and development, Biosensors, BioMEMS, VLSI fabrication, Nanotechnology, Nanomaterials, Lab-on-chip, Microfluidics, Plasmonics, Experimental physics, Digital image processing, Content-based image processing, Deep learning, AI & ML, IoT, Computer Vision, Signal processing, Bio-medical applications.
904	Production Engineering <i>Facilities available:-</i> https://vjti.ac.in/production-engineering/	Sustainable Manufacturing, Machining and Grinding of Aerospace Alloys, Digital Twin for Manufacturing, Industry 4.0, Tribology in Manufacturing, Metal Additive Manufacturing (AM), Hybrid approaches in Additive Manufacturing, Electropulsing applications for AM, Welding and Machining, Surface Engineering, Condition Based Maintenance, Reliability Engineering, Applications of AI & ML in Manufacturing, thermo-fluids, Uncertain Heat Transfer.
905	Textile Engineering <i>Facilities available:-</i> https://vjti.ac.in/textile-engineering/	Advanced spinning technology, Fiber reinforced Composite materials, Technical textiles, Coated textiles, Sustainable processing of textiles, Conductive textiles and smart materials, Nanotechnology in textiles, Recycling of textile waste products, Multifunctional finishing of textiles, Advanced Nonwoven Substrates, Thermo regulatory Textiles, Special Garments for people with disability.
907	Computer Engineering <i>Facilities available:-</i> https://vjti.ac.in/computer-it/	Artificial Intelligence, machine learning, deep learning, High performance computing, Internet of things, precision agriculture, wireless network, network security, cyber security, block chain technology
908	MCA <i>Facilities available:-</i> https://vjti.ac.in/master-of-computer-applications/	Machine Learning, Deep Learning, Cloud Computing, IOT, Quantum computing, NLP, Computer Vision.

2. Important dates:

Sr. No.	Activity	Date (Tentative)	Day
1	Available of online application forms	17.08.2026	Monday
2	Last date for submission of completed application forms	06.09.2026	Sunday
3	Display of shortlisted candidates on website	10.09.2026	Thursday
4 *	Clarification/Objection on shortlisted candidates	12.09.2026	Saturday
5	Display of corrected shortlisted candidates	15.09.2026	Tuesday
6	Interview by respective Department level	22.09.2026	Tuesday
7 #	Centralized Interview at Institute level for candidates shortlisted at Department level	23.09.2026	Wednesday
8	Display of Final Merit List on website	25.09.2026	Friday
9	Last day for confirmation of provisional admission by paying fees	01.10.2026	Monday

** In case of any clarification or objection on shortlisted candidates, the candidates may communicate by sending an email to **phd_admission@vjti.ac.in** by **12.09.2026** before 5.00 pm*

Interview shall be conducted by the concerned department at VJTI.

3. Application Processing Fee:

General Category:	Rs. 500/-
Reserved Category: SC, ST, VJ/DT- NT(A), NT(B), NT(C), NT(D), OBC, SBC, EBC, EWS & Differently abled person	Rs. 300/-

Application processing fee shall be paid online as per procedure given in Annexure –V

4. Submission of the application:

Candidates must submit their application form with necessary application fees (along with all the relevant certificates/documents) online through Google form (applications without online submission of application as well as certificates/documents will not be considered). Candidate should make sure that proper Institute/ Discipline codes are entered and all relevant details are duly filled in the respective fields. Access to the link for online submission of application opens on 17.08.2026. Last date for the online submission of application is 06.09.2026 at 5.00 pm.

5. Google link to fill Ph.D. application form:

<https://forms.gle/gdeYbwjW3brjvaRY8>

6. Eligibility for Admission

Educational Qualification:

Subject to the conditions stipulated in Directive No. CG-DL-E-07112022-240086 dated: 7th November 2022 of UGC Regulations, 2022, the following persons are eligible to seek admission to the Ph.D. programme:

Candidate who have completed:

- A 1-year /2-semester Master's degree programme after a 4-years/8-semester Bachelor's degree programme or a 2-year/4-semester Master's degree programme after a 3 year Bachelor's degree programme or qualification declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed
- Or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.
- A relaxation of 5 % marks or its equivalent grade may be allowed for those belonging to SC, ST, VJ/DT- NT(A), NT(B), NT(C), NT(D), OBC (non-creamy layer), SBC, EBC, EWS & Differently abled and other categories of candidates as per the decision of the Commission from time to time.
- Provided that a candidate seeking admission after a 4-year/8-semester Bachelor's degree programme should have a minimum of 75% marks in aggregate or its equivalent grade on a point scale wherever the grading system is followed. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC, ST, VJ/DT- NT(A), NT(B), NT(C), NT(D), OBC (non-creamy layer), SBC, EBC, EWS & Differently abled and other categories of candidates as per the decision of the Commission from time to time.

***Note:** Institute reserves the rights to admit candidates based on merit and performance during Interview. Mere satisfaction of minimum qualification does not entitle admission to Ph.D. programs.*

7. Procedure for Admission to Ph.D. programmes

- a. The admission shall be based on the criteria notified by the institution, keeping in view the guidelines/ norms in this regard issued by the UGC and other statutory/regulatory bodies concerned, and taking into account the reservation policy of the State Government/institute guidelines from time to time.
- b. Admission to the Ph.D. programme shall be made using the following methods:
 - i. Institute may admit students who qualify for fellowship/scholarship in UGC- NET/SET/UGC-CSIR NET/GATE/CEED and similar National level tests based on an interview.
 - ii. Institute may decide the number of eligible students to be called for an interview based on the number of Ph.D. seats available.

8. Seat Matrix:-

The number of seats depends upon the number of available research guides in the Institute, vacancies available with the guide and research infrastructure in the concerned Department. The admission of candidates to Ph.D. programme depends on the expertise available in a department and the willingness of the candidate to work in the corresponding research areas. The following table shows the tentative number of seats available in various Departments for admission during July-December, 2026 session, however, the number of seats may increase/decrease as per the vacancies available at the time of admission and it is also not mandatory to the Institute to fill all vacant positions displayed in AY 2026-27 only.

Sr. No.	Department	Number of Vacant seats	Ph.D. Supervisors details with Research Area
1	Civil Engineering	31	
2	Mechanical Engineering	44	
3	Electrical Engineering	06	
4	Electronics Engineering	15	
5	Production Engineering	11	
6	Textile Engineering	06	
7	Computer Engineering	14	
8	Computer Applications	06	

Reservation policy in the admission will be implemented as per the norms of State Government of Maharashtra. Category wise vacant positions will be displayed by the respective department on the day of Interview.

9. Types of Ph.D. candidates

1. Ph.D. Full Time (Under Institute Fellowship with Teaching Assistantship-cum-Scholarship)

Master's Degree in Engineering/Technology/Science /Computer Applications in the relevant area of research along with a Bachelor's Degree in appropriate branch of Engineering/Technology/Science /Computer Applications with a first-class or minimum 60% marks (or CGPA of 6.75 on 10-point scale) in the qualifying examination. For getting institute-level Teaching Assistantship-cum-Scholarships, the candidates with a Master's degree in Engineering/Science /Computer Applications must have qualified GATE exam as a mandatory requirement.

- Institute will provide Teaching Assistantship-cum-Scholarships to two students per Department (Rs. 35,000/-)***
- In addition to two students per Department, Institute will provide Teaching Assistantship-cum-Scholarships to two students of Textile Engineering Department under NTTM (National Technical Textile Mission) project.***
- While finalizing the candidate for Institute Fellowship, reservation policy will be implemented as per the norms of the Government of Maharashtra.***
- Teaching Assistantship-cum Scholarship will be provided for a period of three years and will be extended for one more year depend upon the performance of candidate.***

2. Full Time Non-Sponsored/ Sponsored Research Scholar

Candidate is required to be available in the institute full time for a period of at least three years. There is a possibility of Research / Teaching assistantship available to the candidate from institute funds or research projects. Candidates sponsored by their parent organizations cannot avail of Research / Teaching assistantship. Sponsored candidates have to produce a sponsorship letter in given format along with application form.

3. Part Time Sponsored Research Scholar / VJTI internal candidates

Candidate is required to complete at least two semesters of residential requirement at the institute. Sponsored candidates have to produce sponsorship letter in a given format along with application form. Institute internal candidates have to apply as part time research scholars only. Internal candidates have to work under VJTI supervisor and/or external supervisor from IIT or other research organizations (optional with recommendation from DAC).

10. Course Duration of the Programme:

- Ph.D. programme shall be for a minimum duration of three years for full time and four years for part time candidates, including course work, and a maximum duration of six years from the date of admission to the Ph.D. programme.
- A maximum of an additional two years can be given through a process of re-registration as per the statute/ordinance of the institute concerned; provided, however, that the total period for completion of a Ph.D. programme should not exceed eight years from the date of admission in the Ph.D. programme.
- Provided further that, female Ph.D. scholars and person with Disabilities (having more than 40% disability) may be allowed an additional relaxation of two years; however, the total period for completion of a Ph.D. programme in such cases should not exceed ten years from the date of admission in the Ph.D. programme.
- Female Ph.D. Scholars may be provided maternity leave/Child care leave for up to 240 days in the entire duration of the Ph.D. programme.
- The number of credits to be earned will be 24 (8 courses) for Bachelor's degree programme and 12 (4 courses) for Masters.

No Objection Certificate:

All sponsored candidates must submit 'No Objection Certificate' from the employer in a format given in Annexure III along with application.

Sponsorship letter

All sponsored candidates must submit 'Sponsorship letter' from the employer in a format given in Annexure II along with application.

11. Reservation

Reservation policy in the admission and for Institute Fellowship with Teaching Assistantship-cum-Scholarship will be implemented as per the norms of State Government of Maharashtra. Category wise vacant positions will be displayed by the respective department on the day of Interview.

12. Fees

Fees in Rs. for confirmation of Admission at VJTI for Ph. D. students			
Sr No	Year	Full Time	Part Time
1	First Year	54,551/-	75,051/-
2	Second Year to Fourth Year	51,850/-	72,350/-
3	Fourth Year Onwards	71,850/-	89,850/-

*This fee is applicable only for candidates admitted in A.Y.2026-27
The fee refund is applicable till 31st October 2026 only.*

Notes:-

- a.** For confirmation of seat allotted, all candidates have to pay appropriate amount of fee as applicable.
- b.** All reserve category students seeking admission to Ph.D. Programs, shall have to pay full fees at the time of admission/ registration.
- c.** Candidate whose result of qualifying post graduate degree is awaited:
 - Must have submitted the thesis on the day of interview.
 - These candidates must submit the certificate as per Annexure IV and produce the copy of dissertation at the time of interview.
 - The admission shall be provisional and will be confirmed only if the result of qualifying examination is submitted on or before October 2026.
- e)** No change in category of admission (Full Time to Part Time or vice versa) will be allowed at the time of examination or admission.
- f)** Information related to Ph.D Admission 2026-27 will be displayed only on VJTI website <http://www.vjti.ac.in> Applicants shall visit the Institute website for time to time.

Annexure –I

List of Documents to attached along with application form

Attested photocopies of following documents/certificates should be attached with the application form at the time of submission. If a candidate fails to submit applicable documents/certificates along with application form, he/she will not be shortlisted for Ph. D. admission 2026-27.

Sr. No.	Document Name
1	Graduation degree certificate
2	Final year mark list / grade sheet
3	Post graduate degree certificate
4	Post graduate Final year mark list / grade sheet
5	Work/ Research experience Certificates
6	Nationality Certificate: In lieu of this “Certificate of Indian Nationality” following Certificates/Documents will also be acceptable- 1. Indian Passport in the name of the Candidate, issued by appropriate authorities. 2. The School Leaving Certificate indicating the Nationality of the Candidate as ‘Indian’. 3. Birth Certificate of the Candidate indicating the Place of birth of the Candidate is within India.
7	Caste certificate: Candidates belonging to categories SC, ST, VJ/DT-NT(A), NT(B), NT(C), NT(D), OBC, SBC will be required to submit a Caste Certificate
8	Caste Validity Certificate: Candidates belonging to SC, ST, VJ/DT-NT (A), NT (B), NT(C), NT(D), OBC, SBC category are required to submit Caste Validity Certificate.
9	Non-Creamy Layer Certificate A candidate belonging to ‘Creamy Layer’ amongst the categories SBC, V.J./D.T.-N.T.(A), N.T.(B), N.T.(C), N.T.(D), O.B.C. must note that the provision of reservation is NOT applicable to him/her. A candidate claiming benefit of reservation under the categories SBC, V.J./D.T.-N.T.(A), N.T.(B), N.T.(C), N.T.(D), O.B.C. will be required to produce “Non-Creamy Layer Certificate” in the name of the candidate as specified in the Government Resolution No. CBC/10/2008/CR-697/BCW-5, dated 27 th February 2009 or its updated versions from time to time. The certificate must be valid up to 31 March 2026.
10	Differently abled Certificate (if applicable): The candidate claiming to be physically handicapped shall produce a certificate from the Director, All India Institute of Physically Handicapped, Mumbai or Dean/Civil Surgeon of the Government / CIVIL HOSPITALS normally located at the District Headquarters, regarding his or her physical disability, and ability to undergo all parts of syllabus for the normal course. Candidates suffering from Dyslexia, Dysgraphia & Dyscalculia are required to produce certificate issued by the ‘Learning Disability Clinic, Lokmanya Tilak Municipal General Hospital, Sion, Mumbai-22.
11	Proof of Exemption for Written test
12	Annexure II
13	Annexure III
14	Annexure IV
15	Receipt of application processing Fee
16	Copy of first page of research papers published in journal / conferences
17	Statement of purpose from the candidate (one page justifying the research area)
18	Any other Certificates

Annexure -II

Format for Sponsorship Letter for Full time/Part Time sponsored candidate
(To be submitted at the time of application/ Interview.)

(To be filled in by sponsoring organization on their letter head only)

Date:

SPONSORSHIP LETTER

Shri. /Smt. /Ms.....is a Full Time employee of our organization since (Date) and working as (Designation in the organization) from last years.

If selected, I / we hereby sponsor him/her to join the Ph.D. degree programme in
..... Department of VJTI as

(a) Full Time Sponsored candidate for the period of Three years at VJTI

OR

(b) Part Time Sponsored candidate for the first year of Ph. D. programme to complete mandatory course work. Thereafter he/she will be allowed to report to the research supervisor for at least two working days in a month.

I / We shall relieve him/her of all responsibilities in our organization for a minimum period mentioned above to enable him/her to pursue the Ph.D. programme.

(Note: Tick Mark whichever is applicable from above a or b)

Signature of Sponsoring Authority

Name:

Place:

Designation:

Date:

Organization:

Seal of
Organization

Annexure -III

Format for NOC for Full time/Part Time sponsored candidate
(To be submitted along with application form.)

(To be filled in by sponsoring organization on their letter head only)

Date:

No Objection Certificate

Shri. /Smt. /Ms..... is a full time employee of our organization since (Date) and working as (Designation in the organization) from last years.

If selected, I / we have no objection to him/her to join the Ph.D. degree programme in Department of V J T I, Matunga, Mumbai – 400019 and will issue sponsorship letter as per Annexure II at the time of interview as a

(a) Full Time Sponsored candidate for the period of Three years at VJTI Mumbai

OR

(b) Part Time Sponsored candidate for the first year of Ph. D. programme to complete mandatory course work. Thereafter he/she will be allowed to report to the research supervisor for at least two working days in a month.

(Note: Tick Mark whichever is applicable from above a or b)

Signature of Sponsoring Authority
Name:

Place:

Designation:

Date:

Organization:

Seal of
Organization

Annexure –IV

Format of Certificate

For candidate who have appeared in the qualifying degree examination i.e. M.E./M.Tech/MSc/MCA/B.E/B.Tech/UG in relevant filed or Equivalent Examination and whose dissertation is submitted.(To be filled along with application form)

(To be filled in by respective organization on their letter head only)

Date:

Certificate

Shri. /Smt. /Ms.....is a M.Tech/M.E/MSc/MCA/B.E/B.Tech/UG in relevant filed student of (Name of Programme) in our Institute for Academic Year and submitted his/her M.Tech/M.E/MSc/MCA/ B.E/B.Tech/UG in relevant dissertation on (Date) for Evaluation.

Signature of
Head of Department/Principal/Director/ Authority

Name:

Place:

Designation:

Date:

Organization:

Seal of
Organization

Annexure –V

Steps to be followed for making online payment (Application Processing Fee) through

STATE BANK COLLECT

- Log On to <https://www.onlinesbi.sbi>
- Home Page STATE BANK COLLECT
- Click on State Bank Collect
- Select Type of Category as ‘Educational Institutions’
- Select the Name of the institution as ‘Veermata Jijabai Technological Institute’
- Select the appropriate ‘Payment category’ as indicated below:
- Application Processing Fee
- On next screen Enter the details (like Name, Birth date, ID No. Should be ‘0’; Select your branch, Year ‘First Year’ mentioned in Remark as “PhD Application Fees” etc.) asked for
- Select options, wherever necessary carefully
- Proceed as instructed and Click on ‘Submit’
- On next screen verify details and click on ‘Confirm’
- You will be taken to payment gateway
- Select appropriate payment mode
- Check the charges/commission applicable for selected ‘Mode of Payment’
Follow instructions to Print Challan and pay at any SBI branch in Cash
OR
Pay ‘online’ using Internet Banking / Credit / Debit card
- Print receipt online.
- Copy of receipt (and not challan) should be enclosed with Application Form.

Make sure that the payments are made a day or two prior to Last date of submission of application. Institute is not responsible if the site is down for technical reasons and the last minute payments are not possible.