VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE
(V.J.T.I.)

(Central Technological Institute, Maharashtra State)

(Autonomous Institute affiliated to University of Mumbai)

H. R. MAHAJANI MARG, MATUNGA, MUMBAI 400 019

Detailed Information Brochure

Admission to Ph D Programme 2013-14

Applications are invited from eligible candidates from Academics, Industry or Research Organizations in India for full time regular / Part time Ph. D. programme for the session starting from July 2013.

1		Eligibility for Admission
1.1		A candidate shall be considered eligible for registration for the degree of Ph D provided that the candidate satisfies **one** of the following:
	i)	Candidate must have obtained Bachelor's degree and Master's degree in technology or engineering with minimum 60% marks (*55% marks in case of reserved category*) in either of the two or a CPI/CGPA of 6.75 or above on a 10 point scale (*CPI/CGPA of 6.25 or above on a 10 point scale in case of reserved category*)
	ii)	Candidate who is currently an approved teacher having approved full time teaching experience of at least FIVE years.
	iii)	A candidate from a research organization or industry is considered eligible for registration for the degree of Ph D provided that the candidate satisfies the following: a) Having obtained Bachelor's degree and Master's degree in technology or engineering. b) Having THREE years technical/ industrial experience in the field of interest. c) Having visibility/acceptability of his/her work by way of paper presentations in reputed conferences, peer reviewed journals and/or research project completion in the field of interest. d) Having sponsorship from the parent organization. (Candidate shall submit a sponsorship letter from the parent organization in the prescribed format) Such Candidates will preferably be selected for a joint research project from sponsoring organization. Infrastructural and financial support will come from the sponsoring organization (with MoU between the sponsoring organization and VJTI). Supervision may be jointly done by a faculty from the institute and a person qualified to supervise Ph.D. work from the sponsoring research organization/industry.

2	**Selection process**
2.1	The candidate has to undergo a written test as per the UGC norms for Ph. D. program in the concerned department.
2.2	Department shall provide candidates with the details of research areas in the department.
2.3	The eligible candidates will have to undergo an interview by a panel formed for the purpose, including Head of the department and all eligible research guides in the department.
2.4	The final recommendations of the department will be forwarded through respective Departmental Academic Committee (DAC) to Dean (Academic Programmes) for final approval of Director / Chairman Academic Council.
2.5	After approval process, the candidate will be informed regarding selection and shall be offered registration to Ph. D. program of the Institute after payment of necessary fees within stipulated time. If candidate fails to accept the offer of admission within a specified time limit, the offer of registration shall stand cancelled and the candidate will have no claim afterwards.
2.6	Candidate has to prepare an outline of the proposed research work in consultation with the supervisor/s and submit the same to respective DAC within a maximum period of nine months from the date of registration. Completion of course work of 9 credits with a CPI of 6.0 & above and approval of the proposal by the PhD affairs committee is must for further continuation of the PhD registration.

3	**Exemption from the Written Test**
3.1	A candidate who has appeared for the PhD entrance test (PET) of University of Mumbai and has **valid PET score** is exempted from the written examination for Ph.D, conducted by the departments.
3.2	A candidate with **valid GATE score** in the relevant field is exempted from the written examination for PhD, conducted by the department.
3.2	Approved teachers appointed in the University of Mumbai or its affiliated colleges having **not less than Five years, full time continuous teaching experience after the date of First approval of appointment** shall be exempted from the written examination for Ph D, conducted by the department. The copy of approval letter has to be attached as proof along with application.

4	**Ph. D. Candidate types**
4.1	**Full-time research scholar** Candidate is required to be available in the institute full time for period of atleast three years. There is 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 sponsorship letter in given format along with application form.
4.2	**Part-time research scholar** Candidate is required to complete at least two semester of residential requirement at the institute. Sponsored candidates have to produce sponsorship letter in 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).

5	Seats Available	

Course Code	Department	Seats Available
901	Civil / Structural Engineering	17
902	Mechanical Engineering	04
903	Electrical Engineering	07
904	Production Engineering	03
905	Textile Technology	03
906	Electronics Engineering	07
907	Computer Engineering	04

NOTE: The reservation for the categories as per state Government norms shall be applicable to the available seats for Ph D admission, for academic year 2013-14. The seats allocated against the department may vary depending of the availability of the supervisors in the departments. PH reservation shall be as per norms.

6	**Course credit requirements**
6.1	All students registering for Ph D programme are required to acquire **minimum of 09 credits from amongst M Tech level courses (03 theory courses including Research Methodology course)** within first two semesters after registration.
6.3	The course on research methodology is compulsory for all the research scholars admitted in the Institute.
6.4	The courses may also be taken from other departments of VJTI or from IIT on the advice of the supervisors and recommendation of respective DAC. (*Internal candidates must register for the courses in IIT.*)
6.5	Every registered scholar will have to deliver a seminar by studying at least five quality research papers in the chosen field of interest as suggested by the supervisor, which will be evaluated by a committee of three faculty members who are research supervisors, and satisfactory performance is must for further continuance of registration.
6.6	The research scholar should acquire a minimum CPI of 6.0 in the registered courses for further continuation in the Ph. D. programme. The research scholar who fails to satisfy the requirement of minimum CPI of 6.0 within first year of admission has to discontinue the programme.

Sr. No.	**Fees payable for Ph. D. Programme**	
1	Full-time Non-Sponsored Candidates and Internal Part-time Candidates	Rs 25450/-
2	Full-time and Part-time Sponsored Candidates	Rs 40450/-

Apply online using the following web link: http://vjti.ltiappshop.com/shikshacloud Preferably using Firefox or Chrome browsers.

Last Date of Application: 24th June 2013

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Format for Sponsorship Letter
SPONSORSHIP LETTER
(To be filled in by sponsoring organization on their letter head only)

Shri/Smt…………………………………………………………………………..
is a full time employee of our organization since …………………………..
(Date) and he/she has total ……………………..years of experience.

We hereby sponsor him/her to join the Ph D under ……… (Ph D Category) in
…………………………….department of V J T I, Matunga, Mumbai - 400019.

We shall relieve him/her of all responsibilities in our organization throughout
the period of study on full salary to enable him/her to pursue the study on full
time/Part Time basis.

Signature of Sponsoring Authority

Place: ………....   Designation: ………………………….

Date: ……………..   Organization: ………………………..

| Seal of |
| Organization |