



Information Brochure



VIT[®]

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Admission to Integrated M.Tech. (Software Engineering) 2018-19

A place to learn; a chance to grow

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1. Introduction

Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College by the **Chancellor Dr. G.Viswanathan**. VIT attracts students from all the **29 states of India and more than 41 different countries** because of its academic excellence. The credentials of VIT in academics and research, has placed VIT in the 13th position among the engineering institutions and VIT Business School has placed 17th position among the business schools in India by **NIRF, Govt. of India Ranking**. The world ranking body namely the **QS** has given **4 STAR rating** to VIT, with that VIT becomes the **first institution in India** to have the 4 STAR rating. In addition to this, the consortium of industries, **FICCI** has adjudged VIT as the **“Excellence in Faculty”**. VIT has the record of publishing **maximum number of SCOPUS Indexed Research Journal papers in 2016**, among Indian Universities, overtaking all the premier institutions. VIT has also completed **3 cycles of NAAC accreditation** and has been rated as **“A” grade** institution. In addition, VIT also has obtained for the coveted **ABET** accreditation by **US agency**.

VIT has introduced many **innovations** in academic processes which adds value to every student. **FFCS** (Fully Flexible Credit System), **PBL** (Project Based Learning) for better learning, **fully digitized** academic portals that assists students in equipping themselves for 2020 market place, **Hackathons / Makeathons** as part of curriculum exercise which kindles the interest and the curiosity of students, which moulds them to be better problem solvers, **8th module in every subject being handled by industry experts**, making the students contextualize the concepts they study in the classroom, are a few of the innovations that VIT has introduced.

The following are the programmes open to admission for the Academic year **2018-2019**.

2. About the programme

The Integrated M.Tech (Software Engineering) programme is a 5 year integrated course offered at VIT— Vellore & Chennai-TN & VIT-AP Amaravati-AP.

The programme is offered with the following objectives:

- ◆ To understand and apply principles of software development and evolution.
- ◆ To specify, verify and validate solutions to large-size problems.
- ◆ To plan, develop and manage large software using state-of-the-art technology.
- ◆ To learn emerging trends in software engineering and project management.
- ◆ To expose students to quality standards, CASE tools and best practices.
- ◆ To analyze, design and develop high-quality software solutions.

Scope of Employment

- ◆ As software developers, architects, design engineers, testing and QA professionals.
- ◆ As project managers, consultants, solutions developers and entrepreneurs.
- ◆ As high-end system design engineers.
- ◆ As configuration managers and system analysts.
- ◆ As academicians and researchers.

The programme contains following courses:

Problem Solving using C / Data Structures and Algorithms / Digital Electronics and Microprocessor / Object-Oriented Programming Using C++ / Computer Architecture and Organization / Programming in Java / Object-Oriented Analysis and Design / Theory of Computation / Database Management Systems / Operating Systems / Principles of Software Engineering / Computer Networks / Requirements Engineering and Management/ Internet & Web programming / Software Architecture and Design / System Programming/ Software Construction and Maintenance / Software Project Management / Open Source Programming/ Web Services and Service Oriented Architecture / Software Testing / Design Patterns / Principles of User Interface Design / Software Configuration Management / Software Quality and Reliability / Software Metrics / Distributed Computing / Artificial Intelligence and Intelligent Systems / Information and System Security / Software Engineering Process, Tools and Methods.

There are also electives from core, science and management social sciences to round one's personality.

Further details on the courses may be obtained from <http://www.vit.ac.in/academics/schools/site/courses>.

3. PROGRAM OFFERED, ELIGIBILITY & FEES**3.1. Nationality**

- ◆ The applicants for admission should be a **Resident Indian National** and should have studied in **regular, full time and formal education** schools located in India in the preceding two years.

PROGRAMMES	ELIGIBILITY	FEES (INR) (per Annum)	
		Category 1	96,000
Integrated M.Tech. (Software Engineering)	A pass in Higher Secondary Examination conducted by the State / Central Board of Secondary Education or its equivalent examination with 70% aggregate in Physics, Chemistry and Mathematics (PCM) . Age Limit : <u>Date of Birth falls on or after 01.07.1998</u>	Category 2	1,59,000
		Category 3	1,92,000

- ◆ **NRI/ Foreigners** should apply separate application link: <http://vtop2.vit.ac.in:8080/PGNRIAPP/>

Fees of the program is **\$5600** per year.

Note:

- ◆ The qualification criteria is relaxed by 10% i.e. 60% in PCM for applicants belong to SC/ST and applicants hailing from Jammu & Kashmir and the North Eastern states of Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura.
- ◆ Applicants belonging to SC/ST category must fill in the proforma as given in Appendix-II and have it attested by a competent authority (The list of authorities empowered for the same is given in Appendix-II.)
- ◆ Applicants hailing from Jammu & Kashmir and the North Eastern states of Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura. They should fill in the Nativity Certificate given in Appendix-I.
- ◆ Applicants from open Schooling / Correspondence mode are eligible.

4. Admission procedure

- ◆ Applicants will be called for counselling in the order of merit based on the aggregate of marks (rounded to 2 decimal points) secured in Physics, Chemistry and Mathematics in the +2 / Higher Secondary Examination.
- ◆ In case the aggregate is same, the order of merit will be decided based on the best scores in Maths, Physics, Chemistry sequentially and in case of tie, the age i.e. older applicants are given priority.

4.1 Online application

Cost of Application Rs.826/- (Including GST)

- ◆ The online application is available in the website: <http://www.vit.ac.in/admissions/pg>
- ◆ The printout of online application should be sent to **The Director, PG Admission, Vellore Institute of Technology, Vellore-632014, Tamil Nadu, with (A) Required Documents** (photo copy only) on or before 31.05.2018.

(A) Required Documents	<ul style="list-style-type: none"> ◆ Class-X mark sheet as a proof of date of birth ◆ Class-XII mark sheet of Qualifying Examination of all attempts (please ensure that you also enclose the reverse side of the marks sheet containing details.) ◆ Migration / Transfer / School Leaving Certificate (If available) ◆ Community Certificate (Only for SC / ST categories) ◆ Nativity Certificate (Only for North Eastern States)
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- ◆ Application forms received without the required documents will be summarily rejected.
- ◆ Last date of apply online **31.05.2018**
- ◆ Application forms received without mark statements will be summarily rejected.
- ◆ Any application received after the due date will not be accepted.
- ◆ **The Institute will not be responsible for any postal delay, irregularity or loss in postal transit.**

5. COUNSELLING / INTERVIEW

- ◆ Tentative date for Counselling **13.06.2018**
- ◆ The **(A) Required Documents in originals** are needed for verification (If not given already, a set of photocopies may be provided)
- ◆ It is mandatory to bring **Rs. 12,000/-** as Demand Draft drawn in favour of **“Vellore Institute of Technology”**, Payable at **Vellore.**
- ◆ This fee includes counseling fee **Rs.6000/-** (which is **Non Refundable**) and Rs. 6000/- advance fee which will be refunded on cancellation of admission.
- ◆ Applicants without the DD for the said amount will not be permitted to attend the counselling / interview.
- ◆ Allotment of seat for a programme once made is final and cannot be changed under any circumstances.
- ◆ If the applicant fails to qualify in the prescribed qualifying examination, the provisional admission accorded will stand cancelled and the fee remitted will be forfeited

6. DOCUMENTS TO BE SUBMITTED AT THE TIME OF ADMISSION

The following documents are required to be submitted at the time of Admission:

- ◆ If not given already [**(A) Required Documents**], at the time of online application submission / counselling, a set of photocopies must be submitted)
- ◆ Migration / Transfer / School Leaving Certificate (Original)
- ◆ Conduct Certificate (Original)
- ◆ Copy of Provisional Admission Letter.
- ◆ 4 no's of recent passport size colour photographs
- ◆ Affidavit - Student and Parents http://www.vit.ac.in/files/admissions/Affidavit_Student.pdf
- ◆ Student Profile <https://vtopbeta.vit.ac.in/studentprofile/>
- ◆ Physical Fitness http://www.vit.ac.in/files/admissions/PhysicalFitness_Certificate.pdf
- ◆ Balance Fees to be submitted in the mode of Demand Draft (Original) / online payment.
- ◆ An undertaking for good conduct and behavior in a prescribed form issued by the Institute at the time of admission to be submitted in originals to the Admissions Office.

7. GENERAL DISCIPLINE

- ◆ All applicants admitted to the Institute shall maintain good conduct, pay the requisite tuition fees and other charges by the due dates, attend their classes regularly and abide by the rules and regulations of the Institute.
- ◆ If at any point of time, if the conduct and character of an applicant is not satisfactory or is of suspicious nature, the Management reserves the right, without assigning any reason, to make him /her vacate the hostel or expel him/her from the Institute.

7.1. MEASURES FOR PREVENTION OF RAGGING AT THE INSTITUTION LEVEL:

- ◆ Ragging is totally prohibited in the institution and anyone found guilty of ragging and / or abetting ragging, whether actively or passively, or being a part of a conspiracy to promote ragging, is liable to be punished in accordance with the regulations as well as under the provisions of any penal law for the time being in force.
- ◆ Ragging Juniors in any form is forbidden. If anyone is found ragging his/her juniors, he/she can be rusticated from the Institute.
- ◆ It is mandatory that Applicants and parents who are attending interview has to sign an undertaking in ₹20 non-judicial stamp paper as per the information given in Annexure-I & II (as per UGC Regulations-2009, www.ugc.ac.in).

8. HOSTEL ACCOMMODATION

Separate hostel accommodation is available for boys and girls.

- ◆ Hostel accommodation will be provided only to those Applicants whose residence is beyond 100kms radius from the Institute.
- ◆ For details regarding Establishment Charges, Mess, etc., please visit VIT website www.vit.ac.in

8. Admission Cancellation Process / Refund of Fees:

The refund will be made as per the norms of the UGC and Institute guide lines.

8.1. Academic Cancellation: (Documents to be submitted in the Office of PG Admissions)

- ◆ Collect the Application for Cancellation of Admission in Office of PG Admissions.
- ◆ Collect the No Dues Certificate Form from Office of PG Admissions.
- ◆ Original Provisional Admission Letter
- ◆ Migration / Transfer / College Leaving Certificate with Original (if not submitted at the time of admission).

8.2. Hostel Cancellation: (Documents to be submitted in the concerned Hostel Office)

- ◆ Write an application with Parent Signature.
- ◆ Collect the No Dues Certificate Form from concern Hostel Office.
- ◆ Hostel Admission Letter

APPENDIX – I

Nativity Certificate

(For applicants from Jammu & Kashmir and North Eastern States)

Certified that Mr. / Ms. an applicant for admission to PG Degree Programme in in the year, son / daughter of Shri. / Smt residing at..... in District of State is a native of State.

Signature of Tahsildar or Revenue Authority

Name :
 Designation :
 Place :
 Date :

Office Seal

APPENDIX – II

COMMUNITY CERTIFICATE (FOR SC / ST ALONE)

Certified that Mr. / Ms. an applicant for admission to PG Degree Programme in
..... in the year, son / daughter of Shri. / Smt
..... residing at..... in
..... District of belongs to the
..... Caste/Tribe.

Which is recognized as a Scheduled Caste / Scheduled Tribe under the Constitution (Scheduled Castes) Order 1950 / The Constitution (Scheduled Tribes) Order, 1950, as amended by the Scheduled Castes and Scheduled Tribes |Orders Amendment Act, 1976.

Signature of Competent Authority

Name :

Designation :

Place :

Date :

Office Seal

Authorities empowered to issue Scheduled Caste / Scheduled Tribe Certificate

District Magistrate / Additional District Magistrate / Collector / Deputy Collector / Deputy Commissioner / 1st Class Stipendiary Magistrate / City Magistrate / Sub-Divisional Magistrate / Taluk Magistrate / Executive Magistrate / Extra Assistant Commissioner. Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate Revenue Officer Not below the rank of Tahsildar Sub-Divisional Officer of the area where the applicant and / or his family normally resides.

IMPORTANT DATES:

Last date to apply online	31 st May 2018
Last date to edit application form	31 st May 2018
Last date to receive filled application with enclosures	31 st May 2018
Publication of short listed applicants (Tentative)	05 th June 2018
Tentative date for Counselling	13 th June 2018
Last Date of Payment of balance fees	03 rd July 2018
Orientation Program	17 th July 2018
Commencement of classes	18 th July 2018

For further details contact:

<p>VIT-Vellore:</p> <p>Director— PG Admissions Vellore Institute of Technology, Vellore- 632014, Tamil Nadu, INDIA Phone:+91-416 220 4600, 220 4700 Fax: +91-416 2245544, 224 9955 Email: pgadmission@vit.ac.in Website: www.vit.ac.in</p>	<p>VIT-Chennai:</p> <p>Administrative Officer Vellore Institute of Technology, Vandalur-Kelambakkam Road Chennai - 600 127, Tamil Nadu, INDIA Phone:+91-44 3993 1555 Fax: +91-4413993 2555 Email: admin.chennai@vit.ac.in Website: www.vit.ac.in</p>	<p>VIT-AP:</p> <p>Admission officer VIT-AP Inavolu, Beside AP Secretariat Amaravati – 522 237, Andhra Pradesh, INDIA Email : admission@vitap.ac.in Phone : 0863 – 2370444</p>
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LEGAL JURISDICTION

All suits and actions arising out of or relating to Vellore Institute of Technology, Vellore shall be instituted within the jurisdiction of courts at Vellore, Tamil Nadu only. The Registrar of the Institute shall be the legal person in whose name the Institute may sue or be sued.