



VIT[®]

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

Information Brochure

ADMISSION TO POST GRADUATE PROGRAMMES IN SCIENCE—2018-19

M.Sc. in

APPLIED MICROBIOLOGY

BIOMEDICAL GENETICS

BIOTECHNOLOGY

CHEMISTRY

PHYSICS



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 been placed in 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 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**, make the students contextualize the concepts they study in the classroom. These are a few of the innovations that VIT has introduced.

About The School of Bio Sciences and Technology (SBST):

School of Bio Sciences and Technology (SBST) offer programs in various disciplines of Modern Biology such as M.Sc in Applied Microbiology, Biotechnology, Biomedical Genetics (Genetic Counseling specialization). The School houses excellent infrastructure and well trained faculty members (115 nos). Most of them have pursued Post-Doctoral Fellowship from laboratories in developed countries. The competencies of the faculty in research are endorsed by the quality of research papers and obtaining research projects. There has been a constant inclination in the research publication in the recent years. From 2012 – 2017 faculty have published 1549 research papers in peer reviewed journals with the cumulative impact factor of 2377.

SBST has been dedicated to expanding and sharing knowledge, inspiring innovation, and preserving cultural and scientific information for future generations. We at SBST impart futuristic technical education and instill high patterns of discipline through our dedicated staff, who set global standards, making our students technologically superior and ethically strong, leading them to improve the quality of life of the human race.

Major Funding Projects:

Faculty has received funding from various National & International agencies. A total of 53 projects have been completed with a sum of 10 crores and 9 crores project is currently is pipeline. Apart from manuscripts and projects, SBST also have developed 20 products that are filed for patenting. The Memoranda of Understanding with various international universities and biotechnological industries is the major strength of this Institution. They provide for an exchange of students and faculty and encourage joint research projects for the mutual benefit of research institutions.

Many of the students, who pursue their research projects in foreign universities, bring high quality to their work and esteem to India. With steady steps, we continue our march forward.

Placements:

Most of our students got placed in highly reputed Biotech companies like Biocon, Dr.Reddys, Anthem Biosciences, HUL, Intas Pharma, Novonordisk, Quntiles, Bhat Biotech, TUV SUD labs, Charoen Pokphand Foods (CPF), Panacea Biotech, Organica Biotech, Pfizer, Orchid, Microtherapeutics and many more. These components makes SBST listed amongst the top schools of Modern Biology in India. Because of our industry based curriculum and strong network with industries, our students got placed in highly reputed and leading biotech companies with the CTC of 2.4 to 8.5 lakhs/ annum.

About School of Advanced Sciences (SAS):

School of Advanced Sciences (SAS) comprises of Physics and Chemistry departments. The school offers M.Sc. programmes in Physics and Chemistry with an option with specialization in Analytical or Inorganic or Organic or General Chemistry or Pharmaceutical Chemistry.

The curriculum keeps abreast of the latest advancements in the respective domains and endeavor's to develop scientists of high quality. The primary goal is to prepare a new generation of young scientists for the technical and social needs of the 21st century. Syllabi are on par with IITs. The Departments are DST-FIST recognized. The Curriculum for Applied Learning (CAL) adopted presently is benchmarked with top ranking universities.

The Semester Abroad Program (SAP) offers students an international exposure so as to prepare effectively for professional employment or research degree in basic and applied sciences

In addition to classroom and laboratory teaching, the students are engaged in experiential learning through research participation both in the laboratory and in the field. Adding to the traditional science subjects such as mathematics, statistics, physics and chemistry, interdisciplinary program such as pharmaceutical chemistry are offered to meet the needs of the modern society and health firms.

Major Funding Agencies:

Over the years, the School has been receiving research grants from various funding agencies such as DST, CSIR, DRDO, BRNS, IGCAR, AERB, NBHM, Naval Research Board (NRB), DBT-RGYI, UGC-DAE, Indian Space Research Organisation (ISRO), CII .

Placements:

Students get recruited through campus placements into various reputed companies like Biocon, Dr. Reddy's lab, Agilent Technologies, Advinus Therapeutics, Aurigene Discovery, Cognizant, Hospira, Shasun, Aurobindo, Dabur, ITC-Blore, Alkem, Orchid, Suven, AMRI, Torrent Pharma, Astra Zenica, Cipla, GVK Biosciences, Sai life Science, Anthem Bioscience, Sami labs, Chem Biotech and Piramal life sciences in addition to Teaching and Research in IITs, CSIR Labs and reputed Universities.

4. PROGRAMMES OFFERED, ELIGIBILITY & FEES

4.1. NATIONALITY

The applicants for admission should be a **Resident Indian National** and should have studied in **regular, full time and formal education** colleges located in India and Abroad also in the preceding three years.

PROGRAMME	ELIGIBILITY	FEES in INR
M.Sc. Applied Microbiology	B.Sc. degree from a recognized university in any branch of Biological Science that includes Botany / Zoology, Microbiology / Bio-chemistry/ Biotechnology / Nutrition (or) Home Science / Agricultural Science / Medicine with an 50% of marks (Inclusive of all subjects)	72,000
M.Sc. Biomedical Genetics (Optional specialization in Genetic Counseling)		72,000
M.Sc. Biotechnology		1,02,000
M.Sc. Chemistry (with specialization in Analytical or Inorganic or Organic or General Chemistry or Pharmaceutical Chemistry)	B.Sc. degree in either Chemistry or Applied Chemistry or Applied Science from any recognized university with Physics or Mathematics / B. Pharm (or) Biology/ Botany/Zoology as ancillary subjects with an 50% of marks (Inclusive of all subjects)	52,000
M.Sc. Physics	B.Sc. degree from any recognized university with Physics / Applied Sciences with an 50% of marks (Inclusive of all subjects)	52,000

NRI/Foreigners may use separate application link: <http://www.vit.ac.in/admissions/pg>

Fees of above programs is **\$3500** per year.

Note:

- ◆ The qualification criteria is relaxed by 10% i.e. 40% in UG degree for applicants belonging 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 should fill in the Nativity Certificate given in Appendix-I.
- ◆ Applicants from Open University / Correspondence mode are not eligible.

5. ADMISSION PROCEDURE

NOTE: COST OF APPLICATION Rs.590/- (Including GST)

- ◆ The online application is available in the website link : <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 18.05.2018.

(A) Required Documents	<ul style="list-style-type: none"> • Class X, XII Board Certificate as a proof of date of birth • Mark Sheets of Qualifying Examination of all attempts (please ensure that you also enclose the reverse side of the marks sheet containing details.) • Migration / Transfer / College Leaving Certificate (If available) • Community Certificate (Only for SC / ST categories) • Nativity Certificate (Only for North Eastern States) • Provisional Certificate / Degree Certificate (If available)
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- ◆ Application forms received without the required documents will be summarily rejected.
- ◆ Any application received after the due date will not be accepted/considered
- ◆ **The Institute will not be responsible for any postal delay, irregularity or loss in postal transit.**
- ◆ Incomplete/ineligible application form shall not be considered and no correspondence shall be made in this regard.
- ◆ Application fee is non-refundable.
- ◆ 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. COUNSELLING / INTERVIEW

- ◆ Tentative date for Counselling **16.06.2018**
- ◆ 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 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

7. 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 / College 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 on originals to the Admissions Office.

8. 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.

8.1. 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).

9. 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

10. Admission Cancellation Process / Refund of Fees:

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

10.1. 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)

10.2. 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	18th May 2018
Last date to edit application form	18th May 2018
Last date to receive filled application with enclosures	21st May 2018
Publication of short listed applicants (Tentative)	05th June 2018
Tentative date for Counselling	16th June 2018
Last Date of Payment of balance fees	03rd July 2018
Orientation Program	16th July 2018
Commencement of classes	18th July 2018

For further details contact:

Director PG-Admissions Vellore Institute of Technology Vellore –632 014, Tamil Nadu, INDIA Phone: +91-416 220 4600 Fax: +91-416 224 5544, 224 9955 Email: pgadmission@vit.ac.in	Deputy Director (Hostels) or Chief Warden Men’s Hostels / Ladies Hostel Vellore Institute of Technology Vellore –632 014, Tamil Nadu, INDIA
	Men’s Hostel Phone: +91-416-2202528, 2202028, 2202127 Fax:+91-416 2244705 Email: cw.mh@vit.ac.in
	Ladies Hostel Phone: +91-416 2202710 Fax: +91-416 4207074 Email: cw.lh@vit.ac.in

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.