



VIT[®]

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

VITEEE-2019

VIT Engineering Entrance Examination

Information Brochure

Admissions to B.Tech. Degree Programmes 2019-2020



VIT - A place to learn; A chance to grow

IMPORTANT INSTRUCTIONS FOR FILLING UP OF OMR APPLICATION FORM

1. Please make sure that you are using the correct application form.
2. Your application will be machine-processed. Use only black ball-point pen and CAPITAL letters to enter the required information. Use only pencil to shade the circle to correspond with the code / appropriate alphabet / numeral, which you have entered as your option.
3. Do not scribble, smudge, tear or wrinkle the application form. Do not put any stray marks anywhere on the application form.
4. Your photograph, signature and address will also be scanned by a machine that recognizes only good quality images. Therefore, paste a recent, passport size, colour photograph of good quality and sign in the space provided with a black ball-point pen only. Do not stick an attested photograph.
5. Write the complete address giving your name and PINCODE correctly and legibly. Please note that this block will appear as such in all our correspondence with you. In case you happen to make a mistake, cover the whole box with a slip of white paper of the same size and write your address on it. Your address must not exceed the box.
6. The use of the address of any coaching centre/ Institution is strictly prohibited. If anybody uses the address of any coaching centre / Institution in his / her application form, it will be rejected.
7. Do not staple, pin, stitch or stick anything on to the application form. Paste only the photograph in the space provided.
8. Ensure the correctness of your mailing address, the PINCODE, valid e-mail ID, telephone number with correct STD CODE and mobile number. **Please note that VIT will not be responsible if communications do not reach you due to incomplete or illegible address, invalid e-mail ID or wrong mobile number.**
9. You must quote your application number for reference in all your future correspondence.
10. The completed application form should be enclosed separately in the printed envelope provided, addressed to **Director- UG Admissions, Vellore Institute of Technology, Vellore- 632 014** and send through Registered Post or Speed Post, so as to reach the Office of Admissions on or before **28th February 2019**.
11. VIT will not be responsible for any postal delay or irregularity or loss in postal transit.
12. Ensure that your application is complete in all respects. An incomplete application or an application filled in a language other than English will be summarily rejected.
13. Options given in the application form cannot, in general, be altered at a later stage.
14. The cost of the application material is **non refundable**.
15. **You should retain a photocopy of the application form for your reference.**

- ▶ For online application form visit www.vit.ac.in
- ▶ For downloading admit card visit www.vit.ac.in
- ▶ Online applicants need not fill OMR application form

CHECK LIST

Before posting the application please ensure the following :

- Read the instructions before filling the Application Form.
- Use a black ball-point pen to enter the codes in the boxes and a pencil to shade the alphabet / Numeral / circle as indicated.
- Affix a recent, colour photograph of good quality in the space provided.
- Do not get the photograph attested.
- Write your complete postal address, to which communication is to be sent, clearly and legibly.
- Enter the correct PINCODE.
- Indicate the correct STD code and Phone No./ Mobile No.
- **Mention your correct E-Mail ID & Mobile number.**
- Sign in the space provided below the photograph.
- Parent /Guardian's signature in the declaration form.
- Do not use any pins or stapler pins in your application.
- Clearly indicate whether you require hostel accommodation or not.
- Enter the correct Test City Code on the envelope provided.
- Retain a photocopy of your application.
- Enter your application number for all future references.

VITEEE pronounced "witty"

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- ▶ **We do not accept cash. We collect fees only in the form of Demand Drafts**
- ▶ **We do not have any agents**
- ▶ **If any one demands any cash, please report to vigilance@vit.ac.in to enable us to take legal action**

CONTENTS

1.	Introduction	2
2.	Programmes offered	2
3.	Eligibility	2
4.	Admission Procedure	4
5.	Schedule of VITEEE-2019 - CBT	4
6.	Pattern of the Entrance Examination	4
7.	Important Instructions pertaining to VITEEE-2019 (CBT)	4
8.	Application Forms	5
9.	e-Tracking / SMS	6
10.	Test Cities for VITEEE-2019	6
11.	e-Admit Card	6
12.	Results	7
13.	Scholarship under “GV School Development Programme”	8
14.	Tuition and Special Fees	8
15.	Counselling Procedure	8
16.	Payment of Balance Fees	9
17.	Submission of documents on Admission	9
18.	Hostel Accommodation	10
19.	Instructions for completing the computerized OMR Application Form	10
20.	Appendix-I-Codes of Mother Tongue	12
21.	Appendix-II-Codes of States / Union Territories	13
22.	Appendix-III-Codes of School Education Boards of Class XII	13
23.	Sample OMR Application	14
24.	Appendix-IV-Codes of the Test Cities for VITEEE-2019	16
25.	Appendix-V-Syllabus for VITEEE-2019	17
26.	Appendix-VI-Sample Questions	21
27.	Annexure-I-Affidavit by Student	26
28.	Annexure-II-Affidavit by Parent/ Guardian	27
29.	Annexure-III-Hostel Affidavit (Men's Hostel)	28
30.	Annexure-IV-Hostel Affidavit (Ladies Hostel)	29
31.	Annexure-V-Certificate of Physical Fitness	31
32.	Annexure-VI-Certificate to prove Nativity and Community	32
33.	Important Dates	

1. Introduction

VIT has carved out a niche for itself as an excellent institution of higher education, on par with top universities of the world, in the field of technology. It has surpassed the notion of excellence within the country and has reached a pinnacle of glory and now rubs shoulders with the cream of world class institutions of the world. Under the able stewardship of its Founder Chancellor Dr.G.Viswanathan, VIT exudes an ambience which is a confluence of modernity, with the use of technology at all levels, infused with the age old traditional values of integrity and ethical sincerity.

An avid sense of joy and enthusiasm pervades the campus which bears testimony to the positive learning along with the nurturing of the mind and the body experienced by each and every student at VIT. There are abundant opportunities for the overall development of individual students which includes co- curricular, extra curricular along with academics.

There is seamless mingling of the cultures of the world as VIT has a heterogeneous group of students from across the globe who are here, at VIT, by choice. VIT has always been dedicated in providing quality education in various Engineering disciplines of Science and Technology and has also made a mark in the field of research as well. The Institute follows a rigorous selection procedure to admit students into various programmes. An exclusive entrance examination for all B.Tech programmes, Vellore Institute of Technology Engineering Entrance Examination (VITEEE) is conducted for all those aspiring for a career in engineering.

VIT also has campuses in Chennai, Bhopal and Amaravati (Andhra Pradesh) as well.

2. B.Tech. Programmes offered at Vellore Campus

- Electronics and Communication with spl.in Biomedical Engineering
- Biotechnology
- Civil Engineering
- Chemical Engineering
- Computer Science and Engineering
- Computer Science and Engg with spl. in Bioinformatics
- Computer Science and Engineering with spl. in Information Security
- Electronics and Communication Engineering
- Electronics and Communication Engineering with spl. in Internet of Things and Sensor
- Electrical and Electronics Engineering
- Electronics and Instrumentation Engineering
- Information Technology
- Mechanical Engineering
- Mechanical with spl. in Automotive Engineering
- Mechanical with spl. in Energy Engineering

- Production and Industrial Engineering
- Electronics and Communication with spl.in Sensors & Wearable Technology

2.1 B.Tech. Programmes offered at Chennai Campus

- Civil Engineering
- Computer Science and Engineering
- Electronics and Computer Engineering
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Mechanical Engineering
- Fashion Technology

2.2 B.Tech. Programmes offered at VIT Bhopal, Madhya Pradesh

- Computer Science and Engineering
- Electronics and Communication Engineering
- Mechanical Engineering
- Electrical and Electronics Engineering
- Bioengineering
- Computer Science and Engineering with spl. in Gaming Technology
- Computer Science & Engineering with spl. in Cyber Security and Digital Forensics
- Computer Science & Engineering with spl. in AI & Machine learning
- Aerospace Engineering

2.3 B.Tech. Programmes offered at VIT-AP, Amaravati

- Computer Science and Engineering
- Computer Science and Engineering with spl. in Data Analytics
- Computer Science and Engineering with spl. in Networking and Security
- Electronics and Communication Engineering
- Mechanical Engineering
- Electronics and Communication Engineering with spl. in Embedded Systems
- Electronics and Communication Engineering with spl. in VLSI
- Computer Science & Engineering with spl. in Artificial Intelligence

3. Eligibility

3.1. Nationality

The applicant for admission should be a Resident / Non-Resident Indian National/PIO/OCI holder.

PIO/OCI candidates should have studied in schools located in India in the preceding two years.

3.2. Qualifying Examination

Candidates appearing for the VITEEE-2019 should have either completed or shall be appearing in 2019, in any one of the following qualifying examinations:

- The final examination of the 10+2 system of Higher Secondary Examination conducted by the State Board, Central Board of Secondary Education (CBSE, New Delhi), The Council for Indian School Certificate Examination (ISCE, New Delhi).
- Intermediate or Two-year Pre-University Examination conducted by a recognized Board/ University.
- High School Certificate Examination of the Cambridge University or International Baccalaureate Diploma of the International Baccalaureate Organisation, Geneva.
- General Certificate Education (GCE) examination (London / Cambridge / Srilanka) at the Advanced (A) level.
- As per VIT norms, NIOS candidates are also eligible to apply. They should submit Migration-Cum-Transfer certificate at the time of admission.
- Candidates who have studied in Regular, Full Time and Formal Education are alone eligible to apply.
- Candidates who have appeared for the +2 exam through different boards in the same academic year are not eligible for VITEEE-2019

3.3. Eligibility Criteria in the Qualifying Examination

- Candidates appearing for the VITEEE-2019 should have secured an aggregate of 60% in Physics, Chemistry, Mathematics/Biology in the qualifying examination (+2/Intermediate).
- The average marks obtained in the subjects Physics, Chemistry and Mathematics or Biology (PCM/PCB) in +2 (or its equivalent) put together should be 50% for the following categories:

(I) For candidates belonging to SC/ST

Fill in the proforma as given in Annexure VI and have it attested by a competent authority (The list of authorities empowered for the same is given in Annexure VI).

(II) For candidates hailing from Jammu and Kashmir and the North Eastern states of Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura. Fill in the CERTIFICATE TO PROVE NATIVITY (proforma given in Annexure VI).

These documents should be produced at the time of counselling, failing which they will not be considered for admission.

In case, the mark statement is not produced by the candidates at the time of admission, the decision of the Management regarding his/her eligibility and admission to the programme shall be final.

Even though the admission is done as per the VITEEE ranking, the candidate has to fulfill the eligibility norms mentioned.

- Candidates who have studied Physics, Chemistry and Mathematics are eligible for all the B.Tech. Degree Programmes.
- Candidates who have studied Physics, Chemistry and Biology are eligible for B.Tech. Bioengineering and B.Tech. Biotechnology programmes. They are also eligible for B.Tech. ECE with spl.in Biomedical Engineering , B.Tech. Computer Science and Engineering (Spec.in Bioinformatics) but after joining, registering for Mathematics as bridge course is mandatory.

3.4. Age Limit

Candidates whose date of birth falls on or after 1st July 1997 are eligible to apply for VITEEE-2019. The date of birth as recorded in the High School / SSC / X Certificate will be considered authentic. Candidates should produce this certificate in original as proof of their age at the time of counselling, failing which, they will be disqualified.

3.5. Additional Information

It is the responsibility of the candidates to ascertain whether they possess the requisite qualifications for admission. Having been called for the test / counselling does not necessarily mean acceptance of the eligibility. If found ineligible at any point of time he/she will be treated as ineligible and admission will be cancelled as per the norms.

It is mandatory that all the original relevant documents (such as Marks statement, Transfer Certificate, Conduct Certificate, etc.) should be submitted to the Admissions Office at the time of admission.

Admission to various programmes is however, subject to verification of facts from the original certificates/ documents of the candidates. In case, any discrepancy arises, even at a later point of time after admission, the management reserves all rights to cancel the candidate's admission and this decision shall be final.

4. Admission Procedure

- The admission will be purely on the basis of the marks secured in the VITEEE-2019, conducted by VIT.
- **Candidates who have not appeared for the VITEEE are not eligible for admission.**
- Candidates will be short-listed based on their entrance examination rank and will be called for the counselling.

5. Schedule of VITEEE-2019-Computer Based Test (CBT)

- VIT Engineering Entrance Examination will be conducted in 2nd (or) 3rd week of April 2019
- The duration of the entrance examination will be of 2 hours 30 minutes.
- The exam will be conducted as 3 sessions per day.
- **Exam Timings (IST):**
I session - 09.00 am - 11.30 am
II session - 12.30 pm - 03.00 pm
III session - 04.00 pm - 06.30 pm

Examination may be conducted in multiple sessions. However, a candidate is allowed to appear in anyone specified session (PCME/PCBE) only.

Mode of Entrance Examination is CBT only. Please refer www.vit.ac.in from March - 2019 onwards, for slot booking details.

6. Pattern of the Entrance Examination - CBT

6.1. Question Paper

- All Questions will be of Multiple Choice Question (MCQ).
- PART-I - Physics
- PART-II - Chemistry
- PART-III - Mathematics / Biology
- PART-IV - English
- Candidates attempting Physics, Chemistry, Mathematics & English are eligible for all the B.Tech programmes offered.
- Candidates attempting Physics, Chemistry, Biology & English are eligible for B.Tech. Biotechnology, B.Tech. Bioengineering, B.Tech. CSE (spl.in Bioinformatics) and B.Tech. ECE with spl. in Biomedical Engineering programmes.
- The selection of subjects (Physics/Chemistry/Mathematics or Biology/English) has to be mentioned on the application form itself.
- The questions will primarily be from the State Board of Higher Secondary Education and the CBSE syllabus. The syllabus for the Entrance Examination is given in APPENDIX-V of this brochure.

- Each part has 40 questions and English has 5 questions, with each question carrying one mark.
- Each question is followed by 4 alternative answers. The candidate will have to choose the correct answer and click the same.
- **No negative marks for wrong answers.**

6.2. Language of the Question Paper

The Question paper will be in English only.

7. Important Instructions pertaining to VITEEE-2019 - CBT (Computer Based Test)

The salient features of the Computer Based Test are:

- The computer is connected to the server, which delivers the encrypted test in real time through a secure and reliable connection.
- It is assumed that the candidate is familiar with the use of a computer like the use of keyboard and mouse operation.
- It is the responsibility of the candidate to acquire these basic computer skills before appearing for the entrance test and the Institution cannot take responsibility for the same.

Computer Based Test Procedure

- The candidates must ensure that the computer allotted to them is switched on and any problem with the computer should be informed to the invigilator immediately.
- The questions appearing on the screen will be in English. All questions will be of Multiple Choice Question (MCQ) type. Each MCQ consists of a stem which may be in the form of a question or an incomplete statement and four responses labeled A, B, C and D. Only one of the four responses is the correct answer. Candidate needs to choose that answer. Candidates can navigate freely back and forth, through the questions.

Important Note

- The number of examination days will be estimated based on the total number of applications received and the test centres will be given as chosen by the candidates on the application form.
- In the rare and unlikely event of a technical failure during the test, the candidate may be required to attempt the test again. Candidate must visit www.vit.ac.in regularly to obtain latest news, information and updates on the entrance test.
- VIT reserves the right to re-schedule the examination for a candidate. The candidate will not be charged any

additional entrance exam fee if the re-schedule is initiated by VIT. However, the candidate has to make his/her own arrangements at his / her cost similar to the original schedule to take the test in the revised schedule.

Candidates should strictly submit only one application to appear for the VITEEE. If more than one application is found, the entire registration will be rejected by VIT.

7.1 Online Test Booking System

- Online Test booking system is a web based online scheduling system available at www.vit.ac.in.
- Candidate should first choose the Test City (This should be the same as the one chosen on the application form) the date and the batch for the exams.
- The schedule bookings are done on a 'first-come-first-served basis', and are subject to the availability of the test centre, date and time.

In case of non-booking of slot, the slot will be booked automatically by the Institution based on the information given on the application form.

Online Test Booking Password

- For both OMR and online applicants, the password will be sent by email to the email address mentioned on the application form. Therefore, it is mandatory to give a valid e-mail address.
- VIT will not be responsible for non-receipt of the e-mail, if the email address given is incomplete or incorrect.
- The security of your Online Test Booking Password is totally your responsibility. VIT will not be held accountable or responsible for any claim or loss that results directly or indirectly from any unauthorized use or misuse of your online test booking password.
- The Online Test Booking Password must be kept confidential. Do not disclose it to others or write them down or store them in a file on your computer or as auto save password. Your Online Test Booking Password is required only for the purpose of booking a schedule given by the Institute. Please note that the online test booking system will not allow the candidates to book a slot after the date of booking ends.

Online Test Booking Procedure

- While booking your test schedule, please ensure that you have a photocopy of the application form you submitted and the Online Test Booking Password.

- A slot once booked cannot be changed. Request for change of test city, date, slot and subject will not be entertained under any circumstances.
- In case of non-availability of slots in the test centre of your choice, the candidate may choose to book a slot in an alternative centre / date.
- The online test booking system is available only for those eligible candidates who have submitted the application form complete in all respects on or before the last date mentioned.
- It is the responsibility of the candidates to book their test schedule in the ONLINE TEST BOOKING SYSTEM within the stipulated time. VIT will not be held accountable for the non-bookings. The entrance test fee will not be refunded under any circumstances in such cases.
- The confirmation mail will be sent automatically to the candidate's email address after he / she has booked his / her schedule through the Online Test Booking System.
- Once the booking is complete, the e-Admit card will be generated which needs to be printed by the student from the same page. Reprint option is also available on the same URL link.

8. Application Forms

8.1. Issue of Application Forms - Online

Candidates can also apply online at www.vit.ac.in through the following mode :

- (I) Net banking /Credit card/Debit card /Paytm for ₹1150/- The online applicants need not send the hard copy of the application form to the Institute.

8.2. Issue of Application Forms - OMR

- The Prospectus and the information brochure for the B.Tech programme, along with the necessary enclosures which include the Application Form and a printed self-addressed envelope, can be obtained against cash payment of ₹1200/- from the various post offices as given in the VIT website: www.vit.ac.in

Candidates can also obtain the application form in person from

- (i) VIT, Vellore Campus
- (ii) VIT, Chennai Campus
- (iii) VIT - Bhopal and
- (iv) VIT - AP

by handing over a Demand Draft for ₹1200/- drawn in favour of 'Vellore Institute of Technology', payable at the respective campuses.

- Candidates are advised to purchase the information brochure / application form only through the means mentioned above and not from any private publisher/ vendor. Fake application forms will not be processed and will be rejected.

8.3. Returning the Completed OMR Application

The application form duly completed should be checked to see, if all the items have been correctly filled and appropriate codes indicating your exact choice have been put in the right spaces provided against each. You are advised to go through the checklist available inside the front cover of the brochure. Also ensure that you have adhered to the instructions for completing the computerized OMR application form (section-19 in the brochure) before mailing the application. The application should be refolded along the original fold only and inserted in the envelope provided.

Your application should be sent either by Registered Post or Speed Post in the self-addressed envelope provided by VIT, so as to reach the office on or before **February 28, 2019**. Before despatching the application form ensure that you have filled in the correct Test City Code, Subject and tick the checklist on the envelope provided.

Note:

Incomplete application form shall not be considered and no correspondence shall be made in this regard. **The application form once sold shall not be taken back under any circumstances nor will the application fee be refunded in any case.**

8.4. Receipt of Completed Application Form

The last date for receipt of **OMR completed application form at VIT is February 28, 2019.**

Any application received after the last date will not be accepted. Any delay in receiving the application by the candidate will not be considered a valid reason for late submission. The Institute will not accept responsibility for any postal delay, irregularity or loss in postal transit. **Do not enclose any document with the application form.**

9. e-Tracking / SMS

For the benefit of the candidates, the following arrangements have been made to inform the status of the application, venue of the entrance examination and results.

Once the application is received by VIT, a message will be sent through SMS to the candidates stating that their application has been received at VIT. This would, however, be possible only if the mobile number is correctly shaded in the application form. The candidates may also track the status of their application by typing their application number in the VIT

website. However, this feature can be availed only after 3 weeks of despatch of their application.

At the time of publication of the results, the rank will be intimated through SMS and it will also be made available in the website www.vit.ac.in

10. Test Cities for VITEEE-2019

The VITEEE - 2019 will be held in 124 cities. The list of Test Cities along with their corresponding codes is found in APPENDIX- IV of this information brochure.

11. e-Admit Card

11.1. Important Information

- The e-Admit card will be generated once the candidate has booked his/her schedule through the Online Test Booking System.
- The e-Admit card will be auto-generated for only those candidates who book a slot using the Online Test Booking system before the last date. For those who have not booked, slots will be generated based on the information given on the application form and availability of the slot.
- The e-Admit card will indicate the e-Admit card number, photograph of the student, address of the test center, test date and time selected by the candidate. Discrepancies, if any, must be brought to the notice of VIT immediately.
- The e-Admit card will be made available for candidates in www.vit.ac.in. Candidate should provide the application form number and Online Test Booking password to download the e-Admit card.
- The copy of the e-Admit card will also be emailed to the candidate.
- **Candidates must provide a valid email ID on the application form. The e-Admit card will not be despatched to candidates via post or fax.**
- Candidates should ensure that a printer is connected to their computer while printing the e-Admit card.
- Candidates should take a print out of the e-Admit card using the print option on A4 size paper only. Please ensure that all information on the e-Admit card including photograph is clearly visible on the print out.
- Candidates will not be permitted to appear for the test without valid e-Admit card. Candidates must not mutilate the e-Admit card or change any entry made

therein after it has been authenticated and received by them. **Impersonation is a legally punishable offence.**

- The e-Admit card is an important document and it must be preserved and produced at the time of counselling / admission

Candidates will not be allowed to attend the test, without the following documents. Candidate should report to the selected test centre with:

1. e-Admit card and
2. Any one of the following for photo identification.
 - a. School or college Photo ID card
 - b. Twelfth Standard board exam hall ticket (or) admit card bearing photo
 - c. Aadhar Card
 - d. Passport
 - e. Driving License
 - f. Voter ID card
 - g. IT Pan card

11.2. Admit card will not be processed if the Application is incomplete

- In the case of an eligible candidate, whose application form is incomplete (For eg. Declaration not signed, no signature below the photograph, photograph not affixed on the application form, address not clearly written, invalid e-mail ID etc.), the application will not be processed for the issue of an Admit Card. VIT does not take the responsibility to inform such candidates.
- Candidates are advised to thoroughly check the application form (OMR) before posting.

11.3. Biometric Verification

- Biometric registration is a part of attendance and hall ticket verification process and VIT reserves the right to carry out the same either before or during the examination or both. Candidates who do not co-operate during the bio-metric registration process will not be allowed to take the examination and VIT reserves the right to disqualify such candidates. Biometric authentication will be carried out again for the candidates during counselling and admission. All candidates are expected to cooperate and plan their time accordingly.
- Candidates are not allowed to carry any items other than the documents mentioned in information brochure (Refer Page Number: 7, Item: 11.1) to the examination hall. VIT will not be responsible for any loss of valuables.

Mock / Demo Test :

A mock test will be available to the candidates on the website www.vit.ac.in. This is mainly designed to provide the candidates awareness of the procedure and to get used to the various components of the exam. The mock test will give the candidate an idea of all the features of the entrance test. The mock test will be in the form of flash file that can be downloaded to the system and the candidate can go through the entire flash file of the demo/mock test any number of times.

Do's for the candidates

- Be present at the test centre as per the reporting time mentioned in the e-Admit card.
- Register your name in the registration counter and carry the e-Admit card and a valid ID proof for verification.
- Sit in your allotted seat only.
- Maintain perfect silence and work on your testing process only.
- Sign the attendance sheet in the presence of the invigilator.

Don't's for the candidates

- Not allowed to carry any text material, printed or written, bits of papers or any material except the e-Admit card inside the test hall.
- Not permitted to carry any electronic devices like mobile phones, paging devices, calculators, spy cameras and music systems.
- Not allowed to go outside the test hall till the completion of the entire duration of the exam time.
- Not allowed to eat or drink anything (snacks, tea, coffee and cool drinks etc.) inside the test hall. Plain water bottles with nothing written or printed on them will be allowed.
- Violation of any instruction and adoption of any unfair means in the examination hall will make the candidate ineligible for admission.
- Impersonation (or any such crimes) will be reported to Police.

12. Results

12.1. Rank List

A merit list will be prepared based on the total marks secured in VITEEE-2019.

Note: There is no provision to send the marks of the candidates (selected or unselected) by post. At the time of publication of the results, the rank will be intimated through SMS, if the mobile number of the applicant is provided.

Since the final grades are scrutinized with extreme care, there is no provision for re-grading and re-totaling. The photocopies of the answer sheets will not be made available. No correspondence in this regard will be entertained.

Candidate should appear for the entrance only once. VIT has the right to hold the rank for the candidates appearing in VITEEE for more than one time.

12.2 Announcement of Results

The entrance examination results will be available on the VIT website - www.vit.ac.in

12.3 Equating Methodology

Equating is a statistical process that is used to adjust scores on test forms (that are approximately equivalent) so that scores on the forms can be used interchangeably. Thus, equating is used to adjust scores of candidates who have taken different forms of a test, in order to facilitate meaningful and fair comparison for merit list and ranking of these candidates. The statistical procedure of Equip percentile Equating would be used by VIT to identify the percentile ranks for candidates, such that scores on different forms with the same percentile rank are considered to be equivalent. Thus, Percentile Rank is a unique and invariant position of the test taker in that group. A percentile Rank, say 90 Percentile Rank denotes that there are 90 percent of test takers who have scored below this score level and 10 percent above this test score. Candidates are advised not to make assumptions and predictions of their score or rank based on their own estimates of raw scores.

Since it is a CBT, utmost care will be given for the valuation process. Hence there will be no revaluation of the answers.

13. Scholarship under “GV School Development Programme” (GVSDP)

Performance	Scholarship*
Toppers of each State Board and Central Board	100% Tuition fee waiver for all the four years.
VITEEE rank holders of 1 to 50	75% Tuition fee waiver for all the four years.
VITEEE rank holders of 51 to 100	50% Tuition fee waiver for all the four years.
VITEEE rank holders of 101 to 1000	25% Tuition fee waiver for all the four years.

*Terms & Conditions apply

14. Tuition and Special Fees

Please refer our website www.vit.ac.in

15. Counselling Procedure

15.1. Advance Payment

The selected candidates will have to submit a DD for ₹ 50,000 /- in favour of 'Vellore Institute of Technology', payable at Vellore, on the confirmation of seat and

acceptance of branch allotted. This includes ₹11,800/- towards counselling processing fee. Counselling processing fee is NON-REFUNDABLE, but will be adjusted in the tuition fees once the candidate joins the Institute.

15.2. Counselling procedure for allocation of seats/branch

The counselling for allocation of branches to the short-listed candidates is based on their All India Rank (AIR) in VITEEE-2019. A candidate may obtain this information on our website or by calling the VIT office, a day after the declaration of the results of VITEEE-2019.

VIT is in no way responsible for information regarding counselling not reaching the candidates. They should check the VIT website: www.vit.ac.in for information about counselling. No change of date/time of counselling is permissible.

It is mandatory to submit the required documents as mentioned below at the time of counselling. If the mark statement of the qualifying exam has not been received before the date of counselling, the candidate would have to furnish an undertaking stating that if he/she fails to qualify as per the norms, it would lead him / her to forego his / her seat.

Candidate will not be permitted to attend counselling more than once under any circumstances. Similarly no change of campus and change of branch will be entertained.

Advance payment for Hostel

Candidate requiring hostel accommodation will have to submit a separate crossed Demand Draft for ₹21,000/- (of which, ₹1200/- hostel admission processing fee is non-refundable.) drawn in favour of 'Vellore Institute of Technology', payable at Vellore and students need to mention their choice of bed (two bedded / three bedded etc.,) in the online student profile, while filling the online counselling form. Payment of Hostel Advance does not necessarily guarantee Hostel Accommodation. Hostel Accommodation will be made according to the availability.

Submission of Documents at the time of counselling

The candidates should produce the following documents in original along with two sets of photocopies while reporting for counselling. Candidates will not be allowed to participate in the counselling process without these documents.

- VITEEE-2019 e-Admit Card, Counselling Admit card and VITEEE Result copy
- Class X Board Certificate as a proof of date of birth or any other age proof Certificate
- Mark sheet of Qualifying Examination (If available)

- XII Hall ticket (For candidates awaiting results)
- Community Certificate (For SC/ST candidates only)
- Nativity Certificate (For candidates hailing from Jammu and Kashmir and the North Eastern states of Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura).
- DEMAND DRAFT for ₹50,000/- drawn in favour of 'Vellore Institute of Technology', payable at Vellore.
- Demand Draft for ₹21,000/- drawn in favour of 'Vellore Institute of Technology', payable at Vellore, for Hostel admission

Candidates without DD for the above said amount will not be permitted to attend counselling.

Candidates will only be allowed to participate in the counselling process, after verification of documents, authentic records pertaining to identification, age, mark sheets of qualifying examination, community, nativity (if applicable) and other eligibility criteria as specified in Section-3. If a candidate fails to produce any of these documents, he/she will not be considered for admission.

A candidate should decide for certain on whether he/she should join the programme based on the branch allotted to him / her at the time of counselling before payment of the fees.

Allotment of branch and Campus once made is final and cannot be changed under any circumstances.

16. Payment of Balance Fees

- The balance fee is to be paid through online mode. Refer website for details (or)
- The balance fee in the form of a DD drawn in favour of 'Vellore Institute of Technology', payable at the respective campuses along with a covering letter should reach the respective postal address within the date specified at the time of counselling. The candidates should write their name, application number, rank and the branch allotted at the time of counselling on the reverse side of the DD.

Payment of Tuition and Hostel fees should be made within the stipulated time, failing which the admission will automatically stand cancelled without any further notification.

Receiving of Payment after the due date will not be entertained and no intimation will be sent separately in this regard.

17. Submission of documents on Admission

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

- Qualifying examination mark statements of all attempts
- Transfer Certificate / School Leaving Certificate
- Migration Certificate (if issued by the board)
- Community Certificate (For SC/ST candidates only)
- Nativity Certificate (For candidates hailing from Jammu and Kashmir and the North Eastern states of Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura.)
- Provisional Admission Letter. (photo copy)
- Recent Passport size colour photos 4 nos.
- Affidavit to be signed separately by Student, Parent and Hostel on a ₹20/- Stamp Paper. (Format available on the website www.vit.ac.in)
- Physical Fitness Certificate.
- 2 sets of photocopies of all original documents (Except Affidavit & Physical Fitness Certificate)

Students hailing from Andhra Pradesh / Telangana Intermediate Board of Education should make it a point to submit their Pass Certificate Cum Memorandum of original marks at the time of admission.

Candidates can download the acknowledgement for the documents submitted from the VIT website. **No written acknowledgement will be issued.**

All the above mentioned documents shall be handed over to the Admissions Office at the time of admission failing which the provisional admission accorded will stand cancelled.

17.1. Submission of 'No Dues' Certificate

Withdrawal before the commencement of the programme

In case of withdrawal before the commencement of programme, kindly give your request through online. Refer website for details.

Withdrawal after the commencement of the programme

A student once enrolled for a course is expected to complete the same. He / She cannot withdraw from the Institute without informing the Registrar in writing. Otherwise he / she will be liable to pay fees for the period his / her name remains on the roll.

A candidate who desires to leave the Institution after joining the programme will have to submit a 'NO DUES' Certificate from his/her respective school of study at VIT to get back his/her certificates. **This should be accompanied by the application for withdrawal duly signed by the Parent/Guardian and the original fee receipt, provisional admission letter (Fax / e-mail request will not be considered) and Original Transfer Certificate/School leaving certificate.**

The certificates will be returned only on production of 'NO DUES' Certificate in the prescribed form, obtained from the Admissions Office.

17.2. Refund of Fees

Refund will be made as per the norms of UGC . **The Counselling processing fee (₹11,800/-) is Non-refundable**, but will be adjusted in the tuition fees once the candidate joins the Institute.

We do not refund any fees on account of withdrawal or absence from the Institute for any reason including medical illness after a student has taken admission to any course of study. You may, however, claim a refund for due consideration from the Institution. If approved, the amount to be refunded shall be within the limits of the Institution.

All refundable deposits will be returned, after deductions if any, at the time of completion of the course or on cancellation.

Refund will be made only after submission of original fee receipt, Provisional Admission letter, No Dues Certificate and original TC. The refund will be made through account transfer to the account number mentioned in the withdraw request. Therefore, provide correct account number details. In case of refund through DD, the DD will be made only in the name of the candidate.

17.3. General Discipline

All candidates admitted to the Institute shall maintain good conduct, pay the requisite tuition fees and other charges within the stipulated dates, attend their classes regularly and abide by the rules and regulations of the Institution. If at any point of time, the conduct and character of a candidate is not satisfactory or is of a 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.

Initial admission is applicable only for the first semester. Admitted students are expected to maintain registration until the completion of the course, to the satisfaction of the Institution.

All students have to comply with the rules and regulations that are already in force and which may be amended from time to time by the competent authority during the period of study.

17.4. General Instructions

The date of commencement of classes will be mentioned in the provisional admission letter. No communication will be sent separately to the candidates regarding this. Candidates

are advised to visit the Institution website for updates on changes, if any.

Candidates should report to classes within 7 days from the date of commencement of classes, failing which, the admission granted will be cancelled automatically and the fees paid will stand forfeited.

Semester scheme is followed and the medium of instruction and examination are in English only.

17.5. 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 these regulations as well as under the provisions of any penal law 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 Institution.

It is mandatory that candidates and parents who are attending counselling should sign an undertaking according to the information given in **Annexure-I & II on ₹20/- non-judicial bond paper**. (as per UGC Regulations-2009, www.ugc.ac.in). Format is also available on www.vit.ac.in

18. Hostel Accommodation-Vellore / Chennai / Bhopal (MP) / Amaravati (AP)

Separate hostel accommodation is available for boys and girls in all the campuses. Candidates should report to the hostel within 7 days from the date of commencement of classes, failing which, the hostel allotment will be cancelled automatically and fees paid will stand forfeited for all premises. **Hostel accommodation will be provided only to those candidates whose residence is beyond 100 kms radius from the Institution Campus. Single room accommodation will not be available for first year undergraduate students.**

For details regarding Establishment Charges, Mess, etc., please visit www.vit.ac.in

19. Instructions for completing the computerized OMR application form

- The application form should be filled by the candidate in his/ her own handwriting.
- It is suggested that the candidate make a photocopy of the form and use it for practice. **ONLY THE ORIGINAL APPLICATION FORM SHOULD BE SENT.**

- Read the instructions carefully before filling the application form. Requests for corrections will not be entertained later. Refer the specimen copy enclosed in this brochure.
- Do not write or make any marks on the Barcode.
- **Please note that your name, your parent's / guardian's name and your date of birth should be exactly the same as given in your High school /+2/Intermediate/ Pre- University examination certificate.**
- Your application must be complete in all respects. An incomplete application or application filled in a language other than English will be summarily rejected. Options filled by you in the application form cannot be changed at a later stage.
- Please note down the ten digit application number for your future reference.

Item -1 - Name of the Candidate

Write your name in capital letters as it appears or would appear in your XII Std certificate. All the admission correspondence and the VIT documents will be issued as per the name printed on XII mark statement only. Write only a single letter in a box. Do not leave any blank box between the letters in a name. One box should be left blank between consecutive words of your name. If your name has several initials, leave one blank after each of them. Shade the corresponding alphabet underneath each letter of the name. Do not write Mr., Miss, Km. etc., before your name.

Item - 2 - Date of Birth

Write the date, month and year of your birth as per the English calendar and as recorded in your School Board/+2/Intermediate/ Pre-University examination certificate. Use numerals 01 to 31 for DATE, numerals 01 to 12 for MONTH, and the last two digits for the YEAR of birth. For example, if born on 1st July 1997, the date should be entered as follows:

01	07	97
----	----	----

 Shade the corresponding numerals for date, month and year in each column.

Item - 3 - Gender

Item - 4 - Religion (For statistical purpose only)

Item - 5 - Nationality

Item - 6 - Community

Write the appropriate code in the box provided and then shade the appropriate circle to correspond with the code, for all the above items. Candidates belonging to MBC category should use the same code as OBC / BC (for statistical purpose only).

Item - 7 - Mother Tongue

Use the language codes as given below. Enter the correct code in the space provided and shade the numerals below to correspond with the code entered. (Refer Appendix-I)

Assamese	01	Kashmiri	07	Sindhi	13
Bengali	02	Malayalam	08	Tamil	14
English	03	Marathi	09	Telugu	15
Gujarati	04	Marwari	10	Urdu	16
Hindi	05	Odiya	11	Others	17
Kannada	06	Punjabi	12		

Item - 8 - Native State

Refer to the codes for various States given in APPENDIX-II of the Information Brochure and enter the appropriate code in the box provided. Shade the numerals below to correspond with the code entered. Please mention the particular state, the candidate belongs to.

Item-9-Hostel Accommodation&Item 10- Blood Group

Write the appropriate code in the box provided and then shade the appropriate circle to correspond with the code.

Item - 11 - Valid e-mail ID

Give your correct e-mail ID. It is mandatory that you should produce your correct email id (in capital letters), as all the future correspondence will be communicated through e-mail. A candidate will be allowed to register with only one e-mail address.

Item - 12 - Complete Postal Address

Write the complete postal address to which any communication is to be sent. The address must include your name, C/O name and all other details including the correct PINCODE, Phone No. with the correct STD code and Mobile number. Please note that this block will be machine scanned and therefore, it should be written very clearly and in CAPITAL LETTERS with black ball-point pen only. In case you make any mistake, cover the entire box with an exact sized white paper slip and write your address on it. Your address must not overflow this box. The use of address of any coaching centre / Institution is strictly prohibited. If anybody uses the address of any coaching centre/Institution in his / her application form, it will be rejected.

Item - 13 - Pincode

Write the PINCODE number in the space provided. Shade the corresponding numeral under each digit.

Item - 14 - Name of the Parent / Guardian

Write the name of one parent or guardian in capital letters. Write only a single letter in a box. Do not leave any blank box between the letters in a name. One box should be left blank between consecutive words of the name. If the name has several initials, leave one box blank after each one of them.

Item - 15 - Parent's / Guardian's Occupation

Write the appropriate code in the box provided and then shade the appropriate circle to correspond with the code.

Item -16 - Choice of Subject appearing in VITEEE

Write the appropriate code in the box provided and then shade the appropriate circle to correspond with the code. PCME- Physics / Chemistry / Mathematics / English appearing candidates in VITEEE are eligible for all the B.Tech. programmes. PCBE-Physics / Chemistry / Biology / English appearing candidates in VITEEE are eligible for B.Tech. Bio-stream programmes only.

Item-17-Medium of Instruction & Item-18-Mode of Study

Write the appropriate code in the box provided and then shade the appropriate circle to correspond with the code.

Item - 19 - XII Board

Refer to the codes for various School Education Boards given in APPENDIX-III of the Information Brochure and write the appropriate code in the box provided. Shade the corresponding numeral under each digit of the code.

Item - 20 - Choice of campus (Statistical purpose)

Write the appropriate code in the box provided and then shade the appropriate circle to correspond with the code. The selection of campus is not meant for ensuring the seat in a particular campus. All admissions are based on VITEEE ranking and students can select the campus of their choice as per the availability during counselling.

Item-21-Mobile No. & 22-Alternate Mobile No.

Write your mobile number in the space provided and shade the corresponding numeral under each digit

Item - 23 - Test City

Refer to the codes for Test Cities in APPENDIX-IV of the Information Brochure and write the appropriate code in the space provided. Shade the corresponding numeral under each digit of the code. Change of test city will not be entertained.

Item - 24 - Details of the Qualifying Exam passed / appearing for

Write the relevant details such as Registration number / Roll number / Complete school address with pincode in each box clearly using a black ball-point pen only.

In case if you have not yet been allotted your Registration No./ Roll No., please leave it blank.

Item - 25 - Where did you see our Admission Advertisement

Please specify the Name of the Newspaper / Website (or) any other source where you have seen the Admission Advertisement (write in CAPITAL LETTERS only)

Item -26 -Declaration

The candidate must sign the declaration. The place and date should also be written. Applications without signatures will be treated as incomplete and rejected. **The Declaration by the candidate must be countersigned by the Parent / Guardian.**

Affix one recent colour photograph of good quality with **light colour background**, which was taken not more than two months earlier, in the space ear-marked for this in the Application Form. Your photograph should be plain and professional and specifying clearly name and the date of the photograph taken. Avoid photograph with a cap or goggles. Spectacles if being used regularly are allowed. **Polaroid and Selfie photographs will not be accepted.** The photograph should be firmly affixed to the application form with gum or fevicol. Before affixing write your Application Number and Name on the reverse of your photograph. It should not be pinned or stapled.

Candidates are advised to retain the negative of the same photograph for the future use at the time of Entrance Examination / Counselling / Admission. **Do not sign on the photograph. Do not get it attested.**

Note: Photograph should not be larger than the space provided in the box for pasting it.

Put your usual signature using a **black ball-point pen**, within the box provided. Your signature must not overflow or touch the border of the box. Your signature establishes your identity.

If you have any suggestions to improve our Information Brochure or Application Form please e-mail to ugadmission@vit.ac.in. Thanks.

**APPENDIX - I
Mother Tongue**

Assamese	01	Kashmiri	07	Sindhi	13
Bengali	02	Malayalam	08	Tamil	14
English	03	Marathi	09	Telugu	15
Gujarati	04	Marwari	10	Urudu	16
Hindi	05	Odiya	11	Others	17
Kannada	06	Punjabi	12		

APPENDIX - II

Codes of the States / Union Territory

State	Code	State	Code	State	Code
Andhra Pradesh	10	Karnataka	22	Tamil Nadu	34
Arunachal Pradesh	11	Kerala	23	Telangana	35
Assam	12	Madhya Pradesh	24	Tripura	36
Bihar	13	Maharashtra	25	Uttar Pradesh	37
Chhattisgarh	14	Manipur	26	Uttarakhand	38
Delhi	15	Meghalaya	27	West Bengal	39
Goa	16	Mizoram	28	Andaman and Nicobar Islands (UT)	40
Gujarat	17	Nagaland	29	Chandigarh (UT)	41
Haryana	18	Odisha	30	Dadra and Nagar Haveli (UT)	42
Himachal Pradesh	19	Punjab	31	Daman and Diu (UT)	43
Jammu and Kashmir	20	Rajasthan	32	Lakshadweep (UT)	44
Jharkhand	21	Sikkim	33	Puducherry (UT)	45

APPENDIX - III

Codes of the School Education Boards of Class XII

State	Code	State	Code
ANDHRA PRADESH BOARD OF INTERMEDIATE EDUCATION	01	ODISHA COUNCIL OF HIGHER SECONDARY EDUCATION	21
ASSAM HIGHER SECONDARY EDUCATION COUNCIL	02	PUNJAB SCHOOL EDUCATION BOARD	22
BIHAR INTERMEDIATE EDUCATION COUNCIL (BIHAR SCHOOL EXAMINATION BOARD)	03	RAJASTHAN BOARD OF SECONDARY EDUCATION	23
CENTRAL BOARD OF SECONDARY EDUCATION	04	TAMIL NADU BOARD OF HIGHER SECONDARY EDUCATION	24
CHATTISGARH MADHYAMIK SHIKSHA MANDAL (CHATTISGARH BOARD OF SECONDARY EDUCATION)	05	TELANGANA STATE BOARD OF INTERMEDIATE EDUCATION	25
COUNCIL FOR THE INDIAN SCHOOL CERTIFICATE EXAMINATIONS	06	TRIPURA BOARD OF SECONDARY EDUCATION	26
GOA BOARD OF SECONDARY AND HIGHER SECONDARY EDUCATION	07	U P BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION	27
GUJARAT SECONDARY EDUCATION BOARD	08	UTTARANCHAL SHIKSHA EVAM PARIKSHA PARISHAD	28
HARYANA BOARD OF EDUCATION	09	WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION	29
H P BOARD OF SCHOOL EDUCATION	10	NATIONAL INSTITUTE OF OPEN SCHOOLING (REGULAR)	30
JAMMU AND KASHMIR STATE BOARD OF SCHOOL EDUCATION	11	JAMIA MILIA ISLAMIA, NEW DELHI	31
JHARKHAND ACADEMIC COUNCIL	12	ALIGARH MUSLIM UNIVERSITY, ALIGARH	32
KARNATAKA BOARD OF PRE UNIVERSITY EDUCATION	13	DAYALBAGH EDUCATIONAL INSTITUTE, AGRA	33
KERALA BOARD OF PUBLIC EXAMINATIONS	14	BANASTHALI VIDYAPEETH, RAJASTHAN	34
MADHYA PRADESH BOARD OF SECONDARY EDUCATION	15	VISHWA BHARTI UNIVERSITY, SHANTINIKETAN, BIRBHOOM, WB	35
MAHARASTRA STATE BOARD OF SECONDARY AND HIGHER SECONDARY EDUCATION	16	RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES, HYDERABAD	36
MANIPUR COUNCIL OF HIGHER SECONDARY EDUCATION	17	'A' LEVEL OF GENERAL CERTIFICATE OF EDUCATION, CAMBRIDGE UNIVERSITY (IGSE)	37
MEGHALAYA BOARD OF SECONDARY EDUCATION	18	INTERNATIONAL BACCALAUREATE	38
MIZORAM BOARD OF SCHOOL EDUCATION	19	EDEXCEL. LONDON (UK)	39
NAGALAND BOARD OF SCHOOL EDUCATION	20	OTHERS	40

* Candidates who have studied in Regular, full time and formal education alone are eligible to apply

APPENDIX - IV
Codes of the Test Cities - VITEEE - 2019

State	Test City	Code	State	Test City	Code	State	Test City	Code	State	Test City	Code
Andaman and Nicobar Islands	Port Blair	101	Jharkhand	Ranchi	143	Tamil Nadu	Coimbatore	184			
Andhra Pradesh	Amaravati (AP)	102	Karnataka	Bangalore	144	Tamil Nadu	Erode	185			
Andhra Pradesh	Ananthapur	103	Karnataka	Hubli	145	Tamil Nadu	Kumbakonam	186			
Andhra Pradesh	Eluru	104	Karnataka	Mangalore	146	Tamil Nadu	Madurai	187			
Andhra Pradesh	Guntur	105	Kerala	Kochi	147	Tamil Nadu	Salem	188			
Andhra Pradesh	Kurnool	106	Kerala	Kozhikode	148	Tamil Nadu	Tiruchirappalli	189			
Andhra Pradesh	Nellore	107	Kerala	Thiruvananthapuram	149	Tamil Nadu	Tirunelveli	190			
Andhra Pradesh	Rajahmundry	108	Kerala	Thrisur	150	Tamil Nadu	Vellore	191			
Andhra Pradesh	Srikakulam	109	Madhya Pradesh	Bhopal	151	Telangana	Hyderabad	192			
Andhra Pradesh	Tirupati	110	Madhya Pradesh	Gwalior	152	Telangana	Karim Nagar	193			
Andhra Pradesh	Tanuku	111	Madhya Pradesh	Indore	153	Telangana	Khammam	194			
Andhra Pradesh	Vijayawada	112	Madhya Pradesh	Jabalpur	154	Telangana	Mahbubnagar	195			
Andhra Pradesh	Vishakapatnam	113	Madhya Pradesh	Ujjain	155	Telangana	Nalgonda	196			
Arunachal Pradesh	Ita Nagar	114	Maharashtra	Amravati	156	Telangana	Warangal	197			
Assam	Dibrugarh	115	Maharashtra	Aurangabad	157	Tripura	Agartala	198			
Assam	Guwahati	116	Maharashtra	Latur	158	Uttar Pradesh	Agra	199			
Assam	Silchar	117	Maharashtra	Mumbai	159	Uttar Pradesh	Aligarh	200			
Bihar	Bhagalpur	118	Maharashtra	Nagpur	160	Uttar Pradesh	Allahabad	201			
Bihar	Gaya	119	Maharashtra	Nashik	161	Uttar Pradesh	Bareilly	202			
Bihar	Muzaffarpur	120	Maharashtra	Pune	162	Uttar Pradesh	Gorakhpur	203			
Bihar	Patna	121	Maharashtra	Thane	163	Uttar Pradesh	Jhansi	204			
Chandigarh	Chandigarh	122	Manipur	Imphal	164	Uttar Pradesh	Kanpur	205			
Chattisgarh	Bhilai	123	Meghalaya	Shillong	165	Uttar Pradesh	Lucknow	206			
Chattisgarh	Bilaspur	124	Mizoram	Aizwal	166	Uttar Pradesh	Mathura	207			
Chattisgarh	Raipur	125	Nagaland	Dimapur	167	Uttar Pradesh	Meerut	208			
Delhi	Delhi	126	Odisha	Berhampur	168	Uttar Pradesh	Moradabad	209			
Goa	Goa	127	Odisha	Bhubaneswar	169	Uttar Pradesh	Noida	210			
Gujarat	Ahmedabad	128	Odisha	Rourkela	170	Uttar Pradesh	Rae Bareli	211			
Gujarat	Rajkot	129	Puducherry	Puducherry	171	Uttar Pradesh	Saharanpur	212			
Gujarat	Surat	130	Punjab	Amritsar	172	Uttar Pradesh	Varanasi	213			
Gujarat	Vadodara	131	Punjab	Bathinda	173	Uttarakhand	Dehradun	214			
Haryana	Faridabad	132	Punjab	Jalandhar City	174	Uttarakhand	Pant Nagar	215			
Haryana	Gurgaon	133	Punjab	Ludhiana	175	Uttarakhand	Roorkee	216			
Haryana	Hissar	134	Rajasthan	Ajmer	176	West Bengal	Asansol	217			
Haryana	Kurukshetra	135	Rajasthan	Bikaner	177	West Bengal	Durgapur	218			
Himachal Pradesh	Dharamshala	136	Rajasthan	Jaipur	178	West Bengal	Kolkata	219			
Himachal Pradesh	Shimla	137	Rajasthan	Jodhpur	179	West Bengal	Siliguri	220			
Jammu & Kashmir	Jammu	138	Rajasthan	Kota	180		Dubai	221			
Jammu & Kashmir	Srinagar	139	Rajasthan	Udaipur	181		Kuwait	222			
Jharkhand	Bokaro	140	Sikkim	Gangtok	182		Muscat	223			
Jharkhand	Dhanbad	141	Tamil Nadu	Chennai	183		Qatar	224			
Jharkhand	Jamshedpur	142				Centers Abroad					

APPENDIX - V

VITEEE - 2019 - SYLLABUS

PART - I - PHYSICS

1. Laws of Motion & Work, Energy and Power

Law of conservation of linear momentum and its applications. Static and kinetic friction - laws of friction - rolling friction - lubrication. Work done by a constant force and a variable force; kinetic energy - work-energy theorem - power. Conservative forces: conservation of mechanical energy (kinetic and potential energies) - non-conservative forces: motion in a vertical circle - elastic and inelastic collisions in one and two dimensions.

2. Properties of Matter

Elastic behaviour - Stress-strain relationship - Hooke's law - Young's modulus - bulk modulus - shear modulus of rigidity - Poisson's ratio - elastic energy. Viscosity - Stokes' law - terminal velocity - streamline and turbulent flow - critical velocity. Bernoulli's theorem and its applications. Heat - temperature - thermal expansion: thermal expansion of solids - specific heat capacity: C_p , C_v - latent heat capacity. Qualitative ideas of Blackbody radiation: Wein's displacement Law - Stefan's law.

3. Electrostatics

Charges and their conservation; Coulomb's law - forces between two point electric charges - Forces between multiple electric charges - superposition principle. Electric field - electric field due to a point charge, electric field lines; electric dipole, electric field intensity due to a dipole - behaviour of a dipole in a uniform electric field. Electric potential - potential difference - electric potential due to a point charge and dipole - equipotential surfaces - electrical potential energy of a system of two point charges.

Electric flux - Gauss's theorem and its applications. Electrostatic induction - capacitor and capacitance - dielectric and electric polarisation - parallel plate capacitor with and without dielectric medium - applications of capacitor - energy stored in a capacitor - Capacitors in series and in parallel - action of points - Van de Graaff generator.

4. Current Electricity

Electric Current - flow of charges in a metallic conductor - drift velocity and mobility and their relation with electric current. Ohm's law, electrical resistance - V-I characteristics - electrical resistivity and conductivity - classification of materials in terms of conductivity - Carbon resistors - colour code for carbon resistors - combination of resistors - series and parallel - temperature dependence of resistance - internal resistance of a cell - potential difference and emf of a cell - combinations of cells in series and in parallel. Kirchoff's law - Wheatstone's Bridge and its application for temperature coefficient of resistance measurement - Metrebridge - special case of Wheatstone bridge - Potentiometer principle - comparing the emf of two cells.

5. Magnetic Effects of Electric Current

Magnetic effect of electric current - Concept of magnetic field - Oersted's experiment - Biot-Savart law - Magnetic field due to an infinitely long current carrying straight wire and circular coil - Tangent galvanometer - construction and working - Bar magnet as an equivalent solenoid - magnetic field lines.

Ampere's circuital law and its application. Force on a moving charge in uniform magnetic field and electric field - cyclotron - Force on current carrying conductor in a uniform magnetic field - Forces between two parallel current carrying conductors - definition of ampere.

Torque experienced by a current loop in a uniform magnetic field - moving coil galvanometer - conversion to ammeter and

voltmeter - current loop as a magnetic dipole and its magnetic dipole moment - Magnetic dipole moment of a revolving electron.

6. Electromagnetic Induction and Alternating Current

Electromagnetic induction - Faraday's law - induced emf and current - Lenz's law. Self-induction - Mutual induction - self-inductance of a long solenoid - mutual inductance of two long solenoids. Methods of inducing emf - (i) by changing magnetic induction (ii) by changing area enclosed by the coil and (iii) by changing the orientation of the coil (quantitative treatment). AC generator - commercial generator. (Single phase, three phase). Eddy current - applications - transformer - long distance transmission. Alternating current - measurement of AC - AC circuit with resistance - AC circuit with inductor - AC circuit with capacitor - LCR series circuit - Resonance and Q - factor - power in AC circuits.

7. Optics

Reflection of light, spherical mirrors, mirror formula. Refraction of light, total internal reflection and its applications, optical fibers, refraction at spherical surfaces, lenses, thin lens formula, lens maker's formula. Magnification, power of a lens, combination of thin lenses in contact, combination of a lens and a mirror. Refraction and dispersion of light through a prism. Scattering of light - blue colour of sky and reddish appearances of the sun at sunrise and sunset.

Wave front and Huygens's principle - Reflection, total internal reflection and refraction of plane wave at a plane surface using wave fronts. Interference - Young's double slit experiment and expression for fringe width - coherent source - interference of light - Formation of colours in thin films - Newton's rings. Diffraction - differences between interference and diffraction of light - diffraction grating. Polarisation of light waves - polarisation by reflection - Brewster's law - double refraction - Nicol prism - uses of plane polarised light and Polaroids - rotatory polarisation - polarimeter.

8. Dual Nature of Radiation and Atomic Physics

Electromagnetic waves and their characteristics - Electromagnetic spectrum - Photoelectric effect - Light waves and photons - Einstein's photoelectric equation - laws of photoelectric emission - particle nature of light - photo cells and their applications.

Atomic structure - discovery of the electron - specific charge (Thomson's method) and charge of the electron (Millikan's oil drop method) - alpha scattering - Rutherford's atom model.

9. Nuclear Physics

Nuclear properties - nuclear radii, masses, binding energy, density, charge - isotopes, isobars and isotones - nuclear mass defect - binding energy - stability of nuclei - Bainbridge mass spectrometer. Nature of nuclear forces - Neutron - discovery - properties - artificial transmutation - particle accelerator. Radioactivity - alpha, beta and gamma radiations and their properties - Radioactive decay law - half life - mean life - artificial radioactivity - radio isotopes - effects and uses - Geiger - Muller counter. Radio carbon dating. Nuclear fission - chain reaction - atom bomb - nuclear reactor - nuclear fusion - Hydrogen bomb - cosmic rays - elementary particles.

10. Semiconductor Devices and their Applications

Semiconductor basics - energy band in solids: difference between metals, insulators and semiconductors - semi conductor doping - Intrinsic and Extrinsic semiconductors. Formation of P-N Junction - Barrier potential and depletion layer-

P-N Junction diode - Forward and reverse bias characteristics - diode as a rectifier - Zener diode-Zener diode as a voltage regulator - LED. Junction transistors - characteristics - transistor as a switch - transistor as an amplifier - transistor as an oscillator. Logic gates - NOT, OR, AND, EXOR using discrete components - NAND and NOR gates as universal gates - De Morgan's theorem - Laws and theorems of Boolean algebra.

PART - II - CHEMISTRY

1. Atomic Structure

Bohr's atomic model-Sommerfeld's extension of atomic structure; Electronic configuration and Quantum numbers; Shapes of s,p,d,f orbitals - Pauli's exclusion principle - Hund's Rule of maximum multiplicity - Aufbau principle. Emission and absorption spectra, line and band spectra; Hydrogen spectrum - Lyman, Balmer, Paschen, Brackett and Pfund series; deBroglie's theory; Heisenberg's uncertainty principle - wave nature of electron - Schrodinger wave equation (No derivation). Eigen values and eigen functions. Hybridization of atomic orbitals involving s,p and d orbitals.

2. p,d and f Block Elements

p-block elements - Phosphorous compounds; PCl_3 , PCl_5 - Oxides. Hydrogen halides, Inter halogen compounds. Xenon fluoride compounds. General Characteristics of d - block elements - Electronic Configuration - Oxidation states of first row transition elements and their colours. Occurrence and principles of extraction: Copper, Silver, Gold and Zinc. Preparation and properties of CuSO_4 , AgNO_3 and $\text{K}_2\text{Cr}_2\text{O}_7$. Lanthanides - Introduction, electronic configuration, general characteristics, oxidation state - lanthanide contraction, uses, brief comparison of Lanthanides and Actinides.

3. Coordination Chemistry and Solid State Chemistry

Introduction - Terminology in coordination chemistry - IUPAC nomenclature of mononuclear coordination compounds. Isomerism, Geometrical isomerism in 4 coordinate, 6-coordinate complexes. Theories on coordination compounds - Werner's theory (brief), Valence Bond theory. Uses of coordination compounds. Bioinorganic compounds (Haemoglobin and chlorophyll).

Lattice - unit cell, systems, types of crystals, packing in solids; Ionic crystals - Imperfections in solids - point defects. X-Ray diffraction - Electrical Property, Amorphous solids (elementary ideas only).

4. Thermodynamics, Chemical Equilibrium and Chemical Kinetics

I and II law of thermodynamics - spontaneous and non spontaneous processes, entropy, Gibb's free energy - Free energy change and chemical equilibrium - significance of entropy.

Law of mass action - Le Chatlier's principle, applications of chemical equilibrium. Rate expression, order and molecularity of reactions, zero order, first order and pseudo first order reaction - half life period. Determination of rate constant and order of reaction. Temperature dependence of rate constant - Arrhenius equation and activation energy.

5. Electrochemistry

Theory of electrical conductance; metallic and electrolytic conductance. Faraday's laws - theory of strong electrolytes - Specific resistance, specific conductance, equivalent and molar conductance - Variation of conductance with dilution - Kohlrausch's Law - Ionic product of water, pH and pOH - buffer solutions - use of pH values. Cells - Electrodes and electrode

potentials - construction of cell and EMF values, Fuel cells, Corrosion and its prevention.

6. Isomerism in Organic Compounds

Definition, Classification - structural isomerism, stereo isomerism - geometrical and optical isomerism. Optical activity-chirality - compounds containing chiral centres - R, S notation, D, L notation.

7. Alcohols and Ethers

Nomenclature of alcohols - Classification of alcohols - distinction between 1°, 2°, and 3° alcohols - General methods of preparation of primary alcohols, properties. Methods of preparation of dihydric alcohols: Glycol - Properties - Uses. Methods of preparation of trihydric alcohols - Properties - Uses. Aromatic alcohols - preparation and properties of phenols and benzyl alcohol.

Ethers - Nomenclature of ethers - general methods of preparation of aliphatic ethers - Properties - Uses. Aromatic ethers - Preparation of Anisole - Uses.

8. Carbonyl Compounds

Nomenclature of carbonyl compounds - Comparison of aldehydes and ketones. General methods of preparation of aldehydes - Properties - Uses. Aromatic aldehydes - Preparation of benzaldehyde - Properties and Uses. Ketones - general methods of preparation of aliphatic ketones (acetone) - Properties - Uses. Aromatic ketones - preparation of acetophenone - Properties - Uses, preparation of benzophenone - Properties. Name reactions; Clemmenson reduction, Wolff - Kishner reduction, Cannizzaro reaction, Claisen Schmidt reaction, Benzoin Condensation, Aldol Condensation. Preparation and applications of Grignard reagents.

9. Carboxylic Acids and their derivatives

Nomenclature - Preparation of aliphatic monocarboxylic acids - formic acid - Properties - Uses. Monohydroxy mono carboxylic acids; Lactic acid - Synthesis of lactic acid. Aliphatic dicarboxylic acids; Preparation of oxalic and succinic acids. Aromatic acids; Benzoic and Salicylic acids - Properties - Uses. Derivatives of carboxylic acids; acetyl chloride (CH_3COCl) - Preparation - Properties - Uses. Preparation of acetamide, Properties - acetic anhydride - Preparation, Properties. Preparation of esters - methyl acetate - Properties.

10. Organic Nitrogen Compounds and Biomolecules

Aliphatic Nitro compounds Preparation of aliphatic nitroalkanes - Properties - Uses. Aromatic nitro compounds - Preparation - Properties - Uses. Distinction between aliphatic and aromatic nitro compounds. Amines; aliphatic amines - General methods of preparation - Properties - Distinction between 1°, 2°, and 3° amines. Aromatic amines - Synthesis of benzylamine - Properties, Aniline - Preparation - Properties - Uses. Differences between aliphatic and aromatic amines. Aliphatic nitriles - Preparation properties - Uses. Diazonium salts Preparation of benzene diazoniumchloride - Properties. Carbohydrates Distinction between sugars and non sugars, structural formulae of glucose, fructose and sucrose, with their linkages, invert sugar definition, examples of oligo and polysaccharides **Amino acids** Classification with examples, Peptides- properties of peptide bond **Lipids - Definition, classification with examples, difference between fats, oils and waxes.**

PART - III - MATHEMATICS

1. Matrices and their Applications

Adjoint, inverse properties, computation of inverses, solution of system of linear equations by matrix inversion method.

Rank of a matrix elementary transformation on a matrix, consistency of a system of linear equations, Cramer's rule, non-homogeneous equations, homogeneous linear system and rank method.

Solution of linear programming problems (LPP) in two variables.

2. Trigonometry and Complex Numbers

Definition, range, domain, principal value branch, graphs of inverse trigonometric functions and their elementary properties.

Complex number system - conjugate, properties, ordered pair representation.

Modulus - properties, geometrical representation, polar form, principal value, conjugate, sum, difference, product, quotient, vector interpretation, solutions of polynomial equations, De Moivre's theorem and its applications.

Roots of a complex number - n th roots, cube roots, fourth roots.

3. Analytical Geometry of two dimensions

Definition of a conic - general equation of a conic, classification with respect to the general equation of a conic, classification of conics with respect to eccentricity.

Equations of conic sections (parabola, ellipse and hyperbola) in standard forms and general forms- Directrix, Focus and Latus-rectum - parametric form of conics and chords - Tangents and normals - Cartesian form and parametric form- equation of chord of contact of tangents from a point (x_1, y_1) to all the above said curves.

Asymptotes, Rectangular hyperbola - Standard equation of a rectangular hyperbola.

4. Vector Algebra

Scalar Product -angle between two vectors, properties of scalar product, and applications of dot product. Vector product, right handed and left handed systems, properties of vector product, applications of cross product.

Product of three vectors - Scalar triple product, properties of scalar triple product, vector triple product, vector product of four vectors, scalar product of four vectors.

5. Analytical Geometry of Three Dimensions

Direction cosines - direction ratios - equation of a straight line passing through a given point and parallel to a given line, passing through two given points, angle between two lines.

Planes - equation of a plane, passing through a given point and perpendicular to a line, given the distance from the origin and unit normal, passing through a given point and parallel to two given lines, passing through two given points and parallel to a given line, passing through three given non-collinear points, passing through the line of intersection of two given planes, the distance between a point and a plane, the plane which contains two given lines (co-planar lines), angle between a line and a plane.

Skew lines - shortest distance between two lines, condition for two lines to intersect, point of intersection, collinearity of three points.

Sphere - equation of the sphere whose centre and radius are given, equation of a sphere when the extremities of the diameter are given.

6. Differential Calculus

Limits, continuity and differentiability of functions - Derivative as a rate of change, velocity, acceleration, related rates, derivative as a measure of slope, tangent, normal and angle between curves.

Mean value theorem - Rolle's Theorem, Lagrange Mean Value Theorem, Taylor's and Maclaurin's series, L' Hospital's Rule, stationary points, increasing, decreasing, maxima, minima, concavity, convexity and points of inflexion.

Errors and approximations absolute, relative, percentage errors - curve tracing, partial derivatives, Euler's theorem.

7. Integral Calculus and its Applications

Simple definite integrals - fundamental theorems of calculus, properties of definite integrals.

Reduction formulae - reduction formulae for $\int \sin^n x dx$ and $\int \cos^n x dx$, Bernoulli's formula.

Area of bounded regions, length of the curve.

8. Differential Equations

Differential equations - formation of differential equations, order and degree, solving differential equations (1st order), variables separable, homogeneous, linear equations and applications.

Second order linear differential equations - second order linear differential equations with constant co-efficients, finding the particular integral if $f(x) = emx, \sin mx, \cos mx, x, x^2$.

9. Probability Distributions

Probability - Axioms - Addition law - Conditional probability Multiplicative law - Baye's Theorem - Random variable - probability density function, distribution function, mathematical expectation, variance

Theoretical distributions-discrete distributions (Binomial, Poisson distributions)- Continuous distributions (Normal distribution).

10. Discrete Mathematics

Functions - Relations Sequence and series (AP, GP, HP)- Binomial theorem-Basics of counting.

Mathematical logic - logical statements, connectives, truth tables, logical equivalence, tautology, contradiction.

Groups-binary operations, semi groups, monoids, groups, order of a group, order of an element, properties of groups.

PART - IV - BIOLOGY

1. Taxonomy

Need for classification; three domains of life. Linnaean, Whittaker, Bentham and Hooker systems of classification. Salient features and classification of non-chordates up to phyla levels and chordates up to class levels. Morphology and anatomy of flowering plants. Structural organization in insects(cockroach)

2. Cell and Molecular Biology

Cell theory. Prokaryotic cell and its ultrastructure. Eukaryotic cell- cell wall, cell membrane, cytoskeleton, nucleus, chloroplast, mitochondria, endoplasmic reticulum, Golgi bodies, ribosomes, lysosomes, vacuoles and centrosomes. Cell cycle and division - amitosis, mitosis and meiosis. Search for genetic material; structure of DNA and RNA; replication, transcription, genetic code, translation, splicing, gene expression and regulation (lac operon) and DNA repair.

3. Reproduction

Asexual reproduction binary fission, sporulation, budding, gemmule formation and fragmentation. Vegetative propagation in plants, sexual reproduction in flowering plants and structure of flowers. Pollination, fertilization, development of seeds and fruits, seed dispersal, apomixis, parthenocarpy and polyembryony. Human reproductive system. Gametogenesis, menstrual cycle, fertilization, implantation, embryo development upto blastocyst formation, pregnancy, parturition and lactation. Assisted reproductive technologies.

4. Genetics and evolution

Chromosomes - structure and types, linkage and crossing over, recombination of chromosomes, mutation and chromosomal aberrations. Mendelian inheritance, chromosomal theory of inheritance, deviation from Mendelian ratio (incomplete dominance, co-dominance, multiple allelism, pleiotrophy), sex linked inheritance and sex determination in humans. Darwinism, neo Darwinism, Hardy and Weinberg's principle and factors affecting the equilibrium: selection, mutation, migration and random genetic drift.

5. Human health and diseases

Pathogens, parasites causing human diseases (malaria, dengue, chickengunia, filariasis, ascariasis, typhoid, pneumonia, common cold, amoebiasis, ring worm) and their control. Basic concepts of immunology, vaccines, antibiotics, cancer, HIV and AIDS. Adolescence, drug and alcohol abuse.

6. Biochemistry

Structure and function of carbohydrates, lipids and proteins. Enzymes types, properties and enzyme action. Metabolism - glycolysis, fermentation, Kreb's cycle and pentose phosphate pathway.

7. Plant physiology

Movement of water, food, nutrients, gases and minerals. Passive diffusion, facilitated diffusion, and active transport. Imbibition, osmosis, apoplast and symplast transport and guttation. Macro and micronutrients and their deficiency symptoms. Transpiration, photosynthesis (light and dark reactions) and electron transport chain. Hormones and growth regulators, photo-periodism and vernalization. Nitrogen cycle and biological nitrogen fixation.

8. Human physiology

Digestion and absorption, breathing and respiration, body fluids and circulation, excretory system, endocrine system, nervous system, skeletal and muscular systems. Locomotion and movement, growth, aging and death. Hormones - types of hormones, functions and disorders.

9. Biotechnology and its applications

Recombinant DNA technology, applications in health, agriculture and industries; genetically modified organisms; Human insulin, vaccine and antibiotic production. Stem cell technology and gene therapy. Apiculture and animal husbandry. Plant breeding, tissue culture, single cell protein, fortification, Bt crops and transgenic animals. Microbes in food processing, sewage treatment, waste management and energy generation. Biocontrol agents and biofertilizers. Bio-safety issues, biopiracy and patents. Human and rice genome projects. DNA fingerprinting.

10. Biodiversity, ecology and environment

Ecosystems: components, types, pyramids, nutrient cycles (carbon and phosphorous), ecological succession and energy flow in an ecosystem; Biodiversity - concepts, patterns, importance, conservation, hot spots, endangered organisms, extinction, Red data book, botanical gardens, national parks, sanctuaries, museums, biosphere reserves and Ramsar sites. Environmental issues: pollution and its control. Solid and radioactive waste management. Climate change impact and its mitigation. Population attributes - growth, birth and death rate and age distribution.

ENGLISH

1. Question Nos. 121 to 125 are questions on English and it will be Multiple Choice Questions

2. Question No. 121, 122 and 123 are Comprehension questions. They are based on short passages (30 -50 words) or lines of poems (2 -3) or a dialogue (2 exchanges)

3. Question No. 124 and 125 are based on English Grammar and Pronunciation.

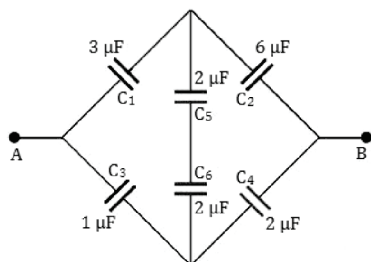
4. The candidates should read the texts and the questions that follow carefully and choose the CORRECT/ BEST answer from the options given for each question.

*Please note that the passages, lines of poems, dialogues, grammar and pronunciation items are chosen to suit the level of VITEEE takers

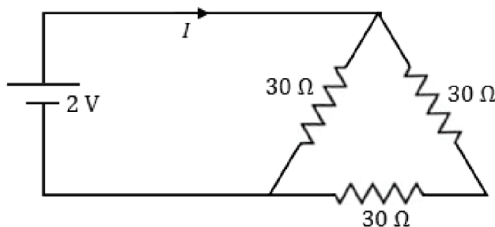


APPENDIX - VI - SAMPLE QUESTIONS
PHYSICS

- A mass m rotates in a vertical circle of radius R and has a circular speed v_c at the top. If the radius of the circle is increased by a factor of 4, circular speed at the top will be
A) decreased by a factor of 2 B) decreased by a factor of 4 C) increased by a factor of 2 D) increased by a factor of 4
- A vessel contains 1 mol of O_2 and 2 mol of He. What is the value of ' C_p/C_v ' of the mixture?
A) 17/11 B) 71/65 C) 38/15 D) 46/15
- The effective capacitance between terminals A and B (as shown in the figure) is

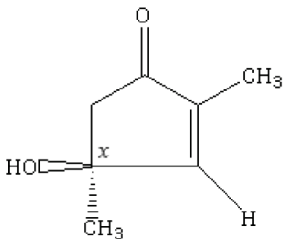


- A) $16 \mu\text{F}$ B) $8 \mu\text{F}$ C) $6 \mu\text{F}$ D) $8/3 \mu\text{F}$
- The current I in the circuit shown below is



- A) $\frac{1}{45} \text{ A}$ B) $\frac{1}{15} \text{ A}$ C) $\frac{1}{10} \text{ A}$ D) $\frac{1}{5} \text{ A}$
- An electric wire in the wall of a building carries a DC current of 25 A vertically upward. What is the magnetic field due to this current at a point which is 10 cm to the right of the wire?
A) $3.1 \times 10^{-4} \text{ T}$ B) $5.0 \times 10^{-5} \text{ T}$ C) $4.23 \times 10^{-4} \text{ T}$ D) $5.11 \times 10^{-3} \text{ T}$
 - In an electric circuit, R , C , L and AC voltage are all connected in series. When L is removed from the LCR circuit, the phase difference between the voltage and the current in the circuit is $\pi/3$. If instead, C is removed from the LCR circuit, the phase difference is again $\pi/3$. Determine the power factor of the circuit.
A) $\frac{1}{2}$ B) $\frac{1}{\sqrt{2}}$ C) 1 D) $\frac{\sqrt{3}}{2}$
 - A short object of length l is placed along the principal axis of a concave mirror away from focus. The object distance is x . If the mirror has a focal length f what will be the length of the image? ($l \ll |v - f|$, where v is the image distance)
A) $\frac{(x-f)^2}{f^2 l}$ B) $\frac{f^2 l}{(x-f)^2}$ C) $\frac{fl}{(x-f)}$ D) $\frac{(x-f)}{fl}$
 - The wavelength of the characteristic X-ray K_α line emitted by a hydrogen like element is 0.32 \AA . The wavelength of K_β line emitted by the same element will be
A) 0.21 \AA B) 0.27 \AA C) 0.34 \AA D) 0.40 \AA
 - The number of alpha-particles scattered at 60° is 100 per minute in an alpha-scattering experiment on gold foil. The number of alpha-particles scattered per minute at 90° will be
A) 25 B) 50 C) 16 D) 32
 - A p - n junction diode connected in series with a resistor of 200Ω is forward biased so that a current of 200 mA flows. If the voltage across this combination is instantaneously reversed at $t = 0$, the current through diode is approximately,
A) 400 mA B) 200 mA C) 100 mA D) 0 mA

CHEMISTRY

- The set of quantum numbers not allowed in the hydrogen atom is
 A) $n = 2, l = 1, m_l = -1$ B) $n = 3, l = 2, m_l = 2$ C) $n = 4, l = 3, m_l = 4$ D) $n = 8, l = 7, m_l = -6$
- Gibbs energy of formation of two oxides (CO and Al_2O_3) are given below as a function of temperature $\Delta G_{\text{CO}} = -0.2 T - 195.4$ and $\Delta G_{\text{Al}_2\text{O}_3} = 0.2 T - 1104$. Which one of the scenarios is possible based on Ellingham diagram at $T = 2000 \text{ K}$?
 A) C reducing Al_2O_3 B) Al reducing CO C) No reaction between Al and CO
 D) C reducing Al_2O_3 and Al reducing CO
- In a face centered cubic unit cell, the relation between ionic radii (r^+ and r^-) and edge length 'a' is
 A) $r^+ + r^- = \sqrt{2}a$ B) $r^+ + r^- = \sqrt{3}a$ C) $r^+ + r^- = a/2$ D) $r^+ + r^- = 2a$
- When a catalyst is added to a system at equilibrium, a decrease occurs in the
 A) potential energy of the reactants B) potential energy of the products C) heat of reaction D) activation energy
- The Nernst equation for the following electrochemical cell will be:
 $\text{Ni(s)} \mid \text{Ni}^{2+}(\text{aq}) \parallel \text{Ag}^+(\text{aq}) \mid \text{Ag}$
 A) $E_{\text{cell}} = E^\circ_{\text{cell}} - RT/F[\ln[\text{Ni}^{2+}]/[\text{Ag}^+]^2]$ B) $E_{\text{cell}} = E^\circ_{\text{cell}} - RT/2F[\ln[\text{Ni}^{2+}]/[\text{Ag}^+]^2]$
 C) $E_{\text{cell}} = E^\circ_{\text{cell}} - RT/2F[\ln[\text{Ag}^+]^2/[\text{Ni}^{2+}]]$ D) $E_{\text{cell}} = E^\circ_{\text{cell}} - RT/2F[\ln[\text{Ni}^{2+}]/[\text{Ag}^+]]$
- The stereochemical description of the chiral centre (marked as 'x') and the olefin in the following compound is

 A) 4R, 2Z B) 4S, 2Z C) 4R, 2E D) 4S, 2E
- The reaction of but-1-ene with B_2H_6 followed by oxidation using $\text{H}_2\text{O}_2/\text{NaOH}$ gives
 A) Butan-2-ol B) Butan-2-one C) Butyraldehyde D) Butan-1-ol
- In which one of the following reactions, a new carbon-carbon bond is not formed?
 A) Cannizzaro reactions B) Wurtz reaction C) Aldol reaction D) Friedel-Crafts reaction
- The product formed in the following reaction is

$$\text{CH}_3\text{CHO} \xrightarrow[\text{ii) H}_3\text{O}^+]{\text{i) HCN}} ?$$

 A) $\text{CH}_3\text{CH}_2\text{CN}$ B) $\text{CH}_3\text{CH}(\text{CN})\text{CHO}$ C) $\text{CH}_3\text{CH}(\text{OH})\text{CN}$ D) $\text{CH}_3\text{CH}(\text{OH})\text{COOH}$
- Nitrobenzene on reaction with Sn/HCl will produce
 A) 2-nitroaniline B) 4-nitroaniline C) aniline D) 4-chloroaniline

MATHEMATICS

1. If $G(x) = \begin{vmatrix} f(x)f(-x) & 0 & x^4 \\ 3 & f(x) - f(-x) & \cos x \\ x^4 & 2x & f(x)f(-x) \end{vmatrix}$, then $\int_{-2}^2 x^4 G(x) dx$ is equal to
 A) -1 B) 0 C) 2 D) 1

2. If $1, \alpha_1, \alpha_2, \alpha_3$ are the fourth roots of unity, then the value of $(1 + \alpha_1)(1 + \alpha_2)(1 + \alpha_3)$ is equal to
 A) -3 B) -1 C) 0 D) 2

3. A conic has focus $(1, 0)$ and corresponding directrix $x + y = 5$. If the eccentricity of the conic is 2, then its equation is
 A) $x^2 + 4xy + y^2 + 18x - 20y + 49 = 0$ B) $x^2 - 4xy + y^2 - 18x - 20y + 49 = 0$
 C) $x^2 + 4xy + y^2 - 18x + 20y + 49 = 0$ D) $x^2 + 4xy + y^2 - 18x - 20y + 49 = 0$

4. Let $\bar{u}, \bar{v}, \bar{w}$ to be three vectors such that $|\bar{u}| = 1, |\bar{v}| = 2, |\bar{w}| = 3$ and \bar{v} and \bar{w} are mutually perpendicular. If projection of \bar{v} along \bar{u} is equal to that of \bar{w} along \bar{u} then $|\bar{u} - \bar{v} + \bar{w}|$ equals to
 A) $\sqrt{7}$ B) 14 C) 2 D) $\sqrt{14}$

5. A plane at a unit distance from the origin intersects the coordinate axes at P, Q and R. If the locus of the centroid of ΔPQR satisfies the equation $\frac{1}{x^2} + \frac{1}{y^2} + \frac{1}{z^2} = k$, then the value of k is
 A) 3 B) 4 C) 9 D) 16

6. If g be an inverse function of f and $f'(x) = \frac{1}{1+x^5}$, then $g'(x)$ will be :
 A) $1 + x^5$ B) $1 + (g(x))^5$ C) $\left(\frac{1}{1+g(x)}\right)^5$ D) $(g(x))^5$

7. The area enclosed between the curves $y = |x^3|$ and $x = y^3$ is
 A) $\frac{1}{2}$ B) $\frac{1}{4}$ C) $\frac{1}{8}$ D) $\frac{1}{16}$

8. Let $f(x)$ be a differential function such that $f'(x) = f(x) + \int_0^2 f(x) dx$ and $f(0) = \frac{(4-e^2)}{3}$. Then $f(x)$ is:
 A) $e^x - \frac{(e^2-1)}{3}$ B) $e^x - \frac{(e^2-1)}{4}$ C) $e^x - \frac{(e^2+1)}{3}$ D) $e^x - \frac{(4-e^2)}{3}$

9. A coin is tossed n times. The maximum value of n such that the probability of getting no head is greater than $1/16$ is
 A) 4 B) 3 C) 5 D) 2

10. Suppose 5- digit numbers are formed by the digits 1,2,3,4 and 5 without repetition. If they are arranged in an ascending order, then 100^{th} number is
 A) 51243 B) 51423 C) 51234 D) 51342

BIOLOGY

1. Chlorophyceae, Phaeophyceae and Rhodophyceae belong to
A) algae B) angiosperms C) gymnosperms D) pteridophytes
2. MTOC (Microtubule Organizing Centre) is not found in
A) centrosome B) the poles of the mitotic spindle C) the basal body of a cilium D) the bacterial flagellum
3. Which one of the following is not a part of fallopian tube?
A) Isthmus B) Fundus C) Infundibulum D) Ampulla
4. In garden peas, height is determined by a single gene with tall being dominant to short. If two heterozygous plants are crossed, what proportion of the tall progeny will be homozygous dominant?
A) 3/4 B) 1/2 C) 2/3 D) 1/3
5. Which pair is not correctly matched?
A) Dengue fever - Flavivirus B) Plague - *Yersinia pestis* C) Sleeping sickness - *Trypanosoma gambiense*
D) Syphilis - *Trichuris trichiura*
6. In oxidative phosphorylation which one of the following four complexes is not a part of the electron transport chain?
A) NADH : CoQ reductase B) Succinate dehydrogenase C) Cytochrome c oxidase D) ATP synthase
7. What is the first electron acceptor in photosystem I?
A) Cytochrome B) Iron-sulphur protein C) Plastocyanin D) Ferredoxin
8. In urinary system, blood plasma is filtered in
A) renal corpuscle B) proximal convoluted tubule C) loop of Henle D) distal tubule
9. Green Fluorescent Protein (GFP), an auto-fluorescent protein is commonly used as a tag in fusion proteins. Identify the amino acid sequence responsible for its auto-fluorescence property.
A) Ser-Tyr-Gly B) Ser-Trp-Phe C) Lys-Tyr-Gly D) Lys-Trp-Phe
10. The two gases making highest relative contribution to the greenhouse effect are
A) CFC and N₂O B) CO₂ and N₂O C) CO₂ and CH₄ D) CH₄ and N₂O

ENGLISH

1. **Read the following passage and answer the question that follows . Choose the correct answer.**

His instrument struck against something hard, dangerously near the kidney.... "It is not quite at the kidney, my friend," Sadao murmured.... "My friend," he always called his patients and so he did now, forgetting that this was his enemy.

To whom does Sadao attend to in the lines above?

- A) A relative B) His friend C) His enemy D) A patient

2. **Read the following passage and the question below. Choose the correct answer.**

The cry of not having money to do anything except carry on the business of making bangles, not even enough to eat, rings in every home. The young men echo the lament of their elders.

The elders lament because _____

- A) They are incapable of making bangles
 B) They have just enough to eat
 C) They do not have money for any other business
 D) They have rings in their homes

3. **Read the following question. Choose the correct answer.**

What is the correct syllable division of the word 'indomitable'?

- A) in - do- mit-able
 B) in - dom-i-ta-ble
 C) in- do-mi -ta-ble
 D) in- dom-i -table

4. **Read the following passage and the question below. Choose the correct answer.**

Gandhi never contented himself with large political or economic solutions. He saw the cultural and social backwardness in the Champaran villages and wanted to do something about it immediately. He appealed for teachers.

Which of the following statements is true about the passage?

- A) Gandhi was dissatisfied with political or economic solutions
 B) Gandhi was interested in the welfare of teachers of Champaran villages
 C) Gandhi was happy about the cultural and social backwardness of Champaran villages
 D) Gandhi was hopeful that teachers could save villages from cultural and social backwardness

5. **Read the following stanza of a poem and the question that follows. Choose the correct answer.**

It would be an exotic moment
 without rush, without engines,
 we would all be together
 in a sudden strangeness.

The rhyme scheme of the stanza is

- A) abab
 B) abcd
 C) abba
 D) abcc

ANNEXURE I**AFFIDAVIT BY THE STUDENT**

(This matter has to be typed on a non-judicial stamp paper of ₹20)

- 1) ,..... (full name of student with admission/ registration/ enrolment number) s/o d/o Mr./Mrs..... having been admitted to..... (name of the institution), have received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations") carefully read and fully understood the provisions contained in the said Regulations.
- 2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- 3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulation and am fully aware of the penal and administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- 4) I hereby solemnly aver and undertake that
 (a) I will not indulge in any behavior or act that may be constituted as ragging under clause 3 of the Regulations.
 (b) I will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
- 5) I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against me under any penal law or any law for the time being in force.
- 6) I hereby declare that I have not been expelled or debarred from admission in any institution on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.

Declared this _____ day of _____ month of _____ year.

Signature of deponent

Name:

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at (place) on this the _____ (day), of _____ (month), _____ (year).

Solemnly affirmed and signed in my presence on this the _____ (day) of _____ (month), _____ (year) after reading the contents of this affidavit.

OATH COMMISSIONER / ADVOCATE AND NOTARY PUBLIC

ANNEXURE II**AFFIDAVIT BY THE PARENT / GUARDIAN**

(This matter has to be typed on a non-judicial stamp paper of ₹ 20)

1. Mr. / Mrs. / Ms _____ (full name of parent / guardian) father / mother / guardian of, (full name of student with admission/registration/enrolment number), have been admitted to _____ (name of the institution), have received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations"), carefully read and fully understood the provisions contained in the said Regulations.
- 2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- 3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against my ward in case he / she is found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- 4) I hereby solemnly aver and undertake that
 - a) My ward will not indulge in any behavior or act that may be constituted as ragging under clause 3 of the Regulations.
 - b) My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
- 5) I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.
- 6) I hereby declare that my ward has not been expelled or debarred from admission in any institution on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging: and further affirm that, in case the declaration is found to be untrue, the admission of my ward is liable to be cancelled.

Declared this ___ day ___ of month ___ of year.

Signature of Deponent

Name:

Address:

Telephone / Mobile No:

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at _____ (place) on this the _____ (day), of _____ (month),
(year).

Signature of deponent

Solemnly affirmed and signed in my presence on this the _____ (day), of _____ (month), _____
(year) after reading the contents of this affidavit.

OATH COMMISSIONER / ADVOCATE AND NOTARY PUBLIC

ANNEXURE III

JOINT AFFIDAVIT BY PARENT / GUARDIAN AND STUDENT

(This matter has to be typed on a non-judicial stamp paper of ₹20)

Mr./Mrs./Ms.....(Full name of parent/guardian) father/ mother/ guardian of (Full name of student with admission/registration/ enrolment number), have been admitted to..... (Name of the Program and Institution). I/we have read and understood the hereunder specified Rules and Regulations of VIT Men's Hostel. I/we agree to obey by the Hostel Rules and Regulations. I/We read the detailed rules given in (www.vit.ac.in/CampusLife/hostel) and follow them.

Highlights of Rules and Regulations of VIT Men's Hostel

IN-TIME	
Campus Main Gate	Hostel Block
8.30 p.m.	9.00 p.m.

- Students should be available in their respective rooms as attendance will be taken in your respective blocks at 9.00 pm every night.
- Students should stay only in the room allotted to them. Staying in other's room is not permitted.
- Any physical/mental harassment towards fellow students including ragging, quarrelling, using abusive language and violent behaviour is prohibited
- Smoking is strictly prohibited inside the Hostel premises and Institution Campus.
- Hostel is meant for facilitating students for studies. Therefore, silence should be maintained especially from 9.00 pm to 6.00 am. Students should not disturb other student by conducting any kind of parties, playing music, talking loudly over mobile phone etc.
- Multi-Level Marketing (MLM) and gambling in any form including playing cards in the hostel is prohibited.
- If liquor bottle (even empty bottle) is found in any room all the students staying in that room are liable to be suspended for ONE YEAR. Also, if any student consumes liquor inside hostel rooms or tries to bring liquor into the hostel or campus is liable for suspension for ONE YEAR. If any student enters the campus / hostel in drunken state is liable for suspension for ONE SEMESTER.
- If narcotics or related substances are found in any room, all the students staying in that room will be expelled from VIT. Students who consume/ trade/ possess narcotics inside/outside the hostel shall be expelled from VIT. Substance abuse is prohibited.
- Anyone causing damage to the hostel property will be penalized suitably.
- Hostel students shall not bring any day-scholar/ ex-VITian /non-VITian inside the hostel premises.
- Students should apply leave/ permission to their Proctors through their Student-Login of VIT website. Students should not go to a place other than specified in the leave request.
- Hostellers are not allowed to keep or operate any kind of motor vehicles inside the hostel campus. However Bicycle can be used.
- Students are not allowed to keep air coolers/ TV/ electric iron box/ any other electrical & electronic equipment/gadgets in their rooms. Unauthorised possession will lead to confiscation of the goods. Cooking in the rooms is strictly prohibited.
- Students are personally responsible to safeguard their belongings. Students are advised not to keep huge amount of cash or valuables like gold, costly wristwatch/ laptop/ mobile phone, expensive jewellery etc., in their rooms.
- Student who wants to vacate the hostel and stay outside has to produce written consent letter from their parents and proctor.
- Students will not be permitted to stay in the hostels during vacation period, unless they have academic assignments.
- Students planning to stay back during summer semester at hostels should pay the summer semester fees.

Signature of the Student

(Name: _____)

Application No: _____

Date: _____

Place: _____

Signature of the Parent/Guardian

(Name: _____)

OATH COMMISSIONER / ADVOCATE AND NOTARY PUBLIC

ANNEXURE IV

JOINT AFFIDAVIT BY PARENT / GUARDIAN AND STUDENT

(This matter has to be typed on a non-judicial stamp paper of ₹ 20/-)

Mr. / Mrs. / Ms..... (Full name of parent / guardian) of Ms..... (Student with application / registration number)....., have been admitted to..... (Name of the Program), VIT, Vellore.

Highlights of Rules and Regulations of VIT Ladies Hostel

DAY	IN - TIME		SHOPPING/OUTING	
	Main Gate	Hostel Gate	Duration	No.of times
Instructional days	7.00 pm	8.30 pm	2 hrs Shopping	During non-class hours (Only once in a day)
Weekends & Institution holidays	6.00 pm	8.00 pm	6 hrs Outing	4 times in a month

- Students have to record their attendance **everyday between 8:30pm - 09:45pm** in the biometric machines without fail.
- Students should stay **only in the room allotted to them**. Staying in other student rooms is not permissible.
- Hostel is meant for facilitating studies. Therefore, **silence** should be maintained between 9.00 pm and 6.00 am. Students should not disturb other students by conducting parties, playing music, talking loudly over mobile phones, etc.,
- If a student is going out for an overnight stay, she should **obtain prior permission** before leaving the hostel as per procedure.
- Students will be permitted to go on leave to Home town / Local guardian's place only once in a month after parents approval.
- Hostellers are not allowed to keep any kind of motor vehicles. However, bicycle can be used.
- Students in the hostel are not allowed to keep **air coolers, musical instruments, kettle, induction stove, electric iron box or any others electrical equipment / gadgets**. Unauthorised possession will lead to confiscation of the goods. Cooking in the rooms is strictly not permitted because of fire safety reasons.
- Students are **personally responsible to safeguard their belongings**. Students are advised not to keep large amounts of cash or valuables like gold, costly wrist watch / laptops / cell phone, expensive jewellery etc., in their rooms.
- Smoking** is strictly prohibited inside the Hostel premises and within the Campus of the institute.
- Students found entering the Institution / Hostel premises under the influence of alcohol or inducing other students to consume alcohol, will be **suspended for one semester**. If a student is found **consuming / possessing** (even empty bottles) **liquor** inside the campus/hostel premises, she will be **suspended for one year**.
- If **narcotics** or related substances are found in any room, all the students staying in the room will be **expelled** from the institution. Students who consume / trade / possess narcotics inside/outside the hostel will be expelled from VIT. Abuse of any chemicals is prohibited.
- Multi-Level Marketing (MLM) and **gambling** in any form including playing cards in the hostel is prohibited.
- Any physical / mental harassment towards fellow students including ragging, quarrelling, using abusive language and **violent behavior** is strictly prohibited.
- Anyone causing **damage** to the hostel **property** will be **penalized** suitably.
- Hostel students should **not bring any day-scholar or ex-VITian or non-VITian** inside the hostel premises.
- For security reasons, girl students **will not be permitted to stay as day boarders outside the campus** unless parent stays with them.
- First year students will be permitted for **shopping and outings** only after 3 months of joining (**on submission of joint Affidavit by Parent / Guardian and the Student**).
- Students will not be permitted to stay in the hostel during **vacation period**, unless they have academic assignments.
- Students planning to stay back **during summer semester** at hostel should pay the summer semester fees.

PERSONAL SECURITY BOND AND LOCAL GUARDIAN DETAILS

(This matter has to be typed on a non-judicial stamp paper of ₹20)

I, Mr./Mrs. -----, aged----- years, address----- parent/guardian of Ms. -----studying ----- programme in VIT, Vellore, Tamil Nadu and staying in Ladies Hostel, hereby authorize the Institute to allow my ward to go outside the premises of the institute with proper prior intimation to the authorities concerned while staying at the Hostel. I undertake full responsibility for all her actions whilst she goes out of the Hostel / Campus any time with or without permission of the hostel authorities. Further, I / We authorize, Mr./Mrs.-----, aged----- years, address-----, related to me as----- as the LOCAL GUARDIAN of my daughter / ward. She may avail leave and go to the above mentioned LOCAL GUARDIAN's place as per the approved leave regulations of VIT.

KNOW ALL MEN that we Ms.------(Student), admitted to _____ programme with Application No / Reg. No. _____ for the academic years in VIT, Mr./Mrs. ------(parent/guardian) bind ourselves jointly and severally to the VIT , Vellore, Tamil Nadu, for the prudent behavior of Ms. -----student during her studies in VIT, Vellore Tamil Nadu.

AND WHEREAS the said Ms. ------(Student) has been called upon to furnish personal security bond to VIT, Vellore, Tamil Nadu, indemnifying the Institution against all loss and/or damage to the property, of the VIT, that might be caused by reason of any misbehavior and/or malpractice of Ms.------(Student) during the course of her studies as a prudent student. AND WHEREAS the said VIT, Vellore, Tamil Nadu as called upon the said Ms.------(Student) and Mr./Mrs. -----Parent/Guardian to execute a personal bond with two sureties to that effect.

The student and the parent hereby undertake to indemnify and keep the VIT indemnified from all and every such loss and/or damage caused to the property of the Institution from any act of the said student in the course of her studies within 15 days of notice of such damage or loss caused and the Institution shall be at liberty to recover the loss along with 36 % interest per annum, if such damage or loss caused is not made good within 15 days thereof.

PROVIDED ALWAYS that this bond shall cease soon after the completion of the studies of the student Ms.----- in this VIT, Vellore, Tamil Nadu.

IN WITNESS to the above written bond and to all terms and conditions herein before contained the assigned hereunder this -----day of----- (month and year).

SURETIES

We the sureties undertake to make good the loss caused to the Institution by the above student, if they fail to make good the loss caused in time.

I. Name :

Designation / Profession :

Address :

II. Name :

Designation / Profession :

Address :

I / We have read and understood the specified Rules and Regulations of VIT Ladies Hostel and agree to obey by the rules.

1. Signature of the Student

Name:.....

Application No.....

2. Signature of the Parent/Guardian

Name:.....

OATH COMMISSIONER / ADVOCATE AND NOTARY PUBLIC

ANNEXURE V CERTIFICATE OF PHYSICAL FITNESS

Name :		Application no.	
Gender :	Date of Birth :	Age (in years) :	Blood Group :
Identification Marks			
History of Allergy if any			
History of Medical illness if any			
History of Hospitalization / previous Surgery if any			
History of Current Medication for any illness			
Vaccinate now for :		Chicken Pox :	
Hepatitis A:		Hepatitis B:	
Typhoid :		TT :	
Cholera :		Others if any:	

Pulse		/Min	Height		Cms
BP		Mm/ Hg	Weight		Kgs
Bodily Infirmary		BMI			
Communicable Disease		Build			
Pallor	Icterus	Clubbing	Cyanosis	Lymphadenopathy	Oedema
Tonsils		Glands		Teeth	
C V S	Heart Sounds			Murmurs	
R S	Breath Sounds			Added Sounds	
G I S	Liver		Spleen		Any Mass
C N S	Cranial Nerves		Motor System		Sensory System
G.U.S (Male)	Hydrocele		Piles		Phymosis
G.U.S.(Female)	Menstrual History				
Skin					
Hearing		Vision (NV/DV) Normal / Corrected (Power)		Colour Vision	
Other Findings / remarks if any.					

Signature of the candidate)

(Signature of the Parent)

I do hereby certify that I / We have examined Mr. / Ms. _____, a candidate for student under VIT University, _____ Campus and whose signature is given above, and cannot discover that he / she has any disease, communicable, otherwise or constitutional affection or bodily infirmity except that his / her weight is in excess of / below the standard prescribed or except _____

I also certify that he / she has been vaccinated and had booster against Hepatitis A, B, TT, Typhoid, Chicken pox & Measles

Name of the Doctor :

Signature of the Doctor :

Designation :

Date & Place :

Seal with Reg.No. :

Photograph
of the
candidate to
be affixed

ANNEXURE VI CERTIFICATE TO PROVE NATIVITY AND COMMUNITY

(For candidates hailing from Jammu and Kashmir and the North Eastern states of

Certified that Mr. / Ms. _____ an applicant for admission to B.Tech. Degree programme 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

Office Seal

THE FORM OF CASTE CERTIFICATE FOR SC / ST

Certified that Mr. / Ms. _____ an applicant for admission to B.Tech. Degree programme 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 candidate and / or his family normally resides

IMPORTANT DATES

Last date for Receipt of Applications	Thursday, February 28 th , 2019
VIT Engineering Entrance Examination (VITEEE-2019)	2 nd or 3 rd week of April, 2019
Declaration of Results (Tentative)	End of April 2019

Commencement of Classes (Tentative) - Vellore Campus

B.Tech. CSE, Computer Science Engg with spec. in Bioinformatics, CSE with spec. in Information Security	Monday, July 08 th , 2019
B.Tech. ECE, ECE with spec. Internet of Things and Sensor, EEE, EIE, ECE with spl. in Biomedical, Biotechnology, ECE with spl. in Sensors & wearable Technology	Wednesday, July 10 th , 2019
B.Tech. IT / Civil, Chemical, Mechanical, Mech(spec. in Energy Engg), Mech (spec. in Automotive Engg), Production & Industrial Engineering	Friday, July 12 th , 2019

For Admission & Hostel details kindly refer the VIT website and contact respective campuses.

VIT-CHENNAI, VIT-BHOPAL & VIT-AP commencement of classes will be informed at the time of counselling

- ▶ VIT Engineering Entrance Examination (VITEEE) for B.Tech is common for VIT-Vellore, VIT-Chennai, VIT-Bhopal and VIT-AP.
- ▶ All admissions are based on VITEEE ranking and the students can select the campus of their choice based on the availability during counselling.
- ▶ All admissions are subject to the discipline and conduct of the candidate.
- ▶ The admissions are done in a transparent manner only on merit basis. Please do not pay any money to Consultants/ Brokers / Intermediaries. There is neither a **MANAGEMENT QUOTA** nor **CAPITATION FEE** at VIT. VIT does not accept cash.

LEGAL JURISDICTION

All Suits and actions arising out of or relating to VIT 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.



Vellore.VIT



VIT_Univ



Vellore Institute of Technology

For Admission Details Contact :
Director - UG Admissions
Vellore Institute of Technology
Vellore - 632 014, Tamil Nadu, India.
Phone : 0416 - 220 2157 / 2168
Email Id : ugadmission@vit.ac.in
Website : www.vit.ac.in

