VITEEE

VIT UNIVERSITY
(Estd. u/s 3 of UGC Act 1956)
VELLORE ■ CHENNAI
www.vit.ac.in

VITEEE - 2016
VIT Engineering Entrance Examination

Information Brochure

Admissions to **B. Tech. Degree Programmes 2016-2017**

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 the 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 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, PINCODE, valid e-mail id, telephone number with correct STD CODE and a 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, VIT University**, Vellore- 632014 and sent through Registered Post or Speed Post, so as to reach the Office of Admissions on or before **29th February 2016**.

11. VIT will not be responsible for any postal delay/ 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.

➢ Online applicants applying through DD mode should send the hard copy of the application form along with the DD

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 reference.

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VITEEE pronounced "witty"

• 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

VIT is emerging as a benchmark for continuous journey towards excellence amongst the institutions of higher education in the field of technology across the country. Its values of equality, transparency and healthy collaboration have been ably guided by the leadership of its founder **Dr. G. Viswanathan,** renowned for his principled life devoted to public service.

The ubiquitous sense of joy and enthusiasm observed in the campus bears testimony to the positive learning and living experiences enjoyed by every student at VIT. Ours is a place where opportunities for learning as well as recreation are maximized and distractions are minimized.

VIT students get to feel the taste of a borderless world through a heterogeneous mix of students from across the globe, who have made VIT as their institution of choice.

VIT has long since been devoted to providing quality education in various Engineering disciplines of Science and Technology and of late it has proliferated into frontiers of Research as well. The Institute has 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.

2. B.Tech. Programmes offered at Vellore Campus

- Bio-Medical Engineering
- Biotechnology
- Civil Engineering
- Chemical Engineering
- Computer Science and Engineering
- Computer Science and Engg (Spec. in Bioinformatics)
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Electronics and Instrumentation Engineering
- Information Technology
- Mechanical Engineering
- Mechanical (Spec. in Automotive Engineering)
- Mechanical (Spec. in Energy Engineering)
- Production and Industrial Engineering

2.1 B. Tech. Programmes offered at Chennai Campus

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

3. Eligibility

3.1. Nationality:
The applicant for admission should be a **Resident / Non Resident Indian National.**

3.2. Qualifying Examination:
Candidates appearing for the **VITEEE-2016** should have either completed or shall be appearing in 2016, 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 Office, 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.

3.3. Eligibility Criteria in the Qualifying Examination:
Candidates appearing for the VITEEE in 2016 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:

- Candidates belonging to SC/ST

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

- 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 III).

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.

- Candidates who have studied Physics, Chemistry and Mathematics are eligible for all the 14 B.Tech. Degree Programmes.

- Candidates who have studied Physics, Chemistry and Biology are eligible for B.Tech. Bio-Medical Engineering and Biotechnology programmes. They are also eligible for B.Tech. Computer Science and Engg (Spec.in Bioinformatics) but after joining, registering Mathematics as bridge course is mandatory.

3.4. 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.

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 are, 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.

3.5. Age Limit :

Candidates whose date of birth falls on or after 1st July 1994 are eligible to apply for VITEEE-2016. 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 a proof of their age at the time of counselling, failing which they will be disqualified.

4. Admission Procedure

- The admission will be purely on the basis of the marks secured in the VITEEE-2016, conducted by VIT University.

- Candidates who have not appeared for the VITEEE are not eligible for admission.

- The candidates will be short-listed based on their entrance examination marks and will be called for the counselling.

5. Schedule of VITEEE-2016 – Computer Based Test (CBT)

- VIT Engineering Entrance Examination will be conducted from 06.04.2016 to 17.04.2016

- The duration of the entrance examination will be of 2 hours 30 minutes.

- Exam will be conducted in 3 sessions per day.

- Exam Timings (IST):
  I session   -   9.00 am – 11.30 am
  II session   - 12.30 pm – 3.00 pm
  III session - 4.00 pm – 6.30 pm

- Please refer to slot booking for further details in www.vit.ac.in from March - 2016 onwards.

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 are eligible for all the 14 programmes offered.

- Candidates attempting Physics, Chemistry & Biology are eligible for B.Tech. Bio-Medical Engineering, Biotechnology and Computer Science and Engg (Spec. in Bioinformatics) programmes only.

- The selection of pattern (Physics/Chemistry/ Mathematics or Biology/English) has to be decided at the time of slot booking.

- All the questions will be mostly from the State Board of Higher Secondary Education and the CBSE syllabus only. The syllabus for the Entrance Examination is given in APPENDIX- IV 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 - 2016 - CBT

The salient features of the Computer Based Test are:

- The candidate sits in front of the computer and the questions are presented on the monitor.

- The candidate submits his or her answer through the use of mouse.

- The computer is connected to the server, which delivers the encrypted test in real time through a secure and reliable connection.

- Entrance test assumes that the candidate has the familiarity with the use of computer like 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 University cannot take the 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 the 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 through the questions back and forth.

Important Note

- **The number of examination days will be estimated based on the total number of applications received for the particular group of courses and the test centre choices given by the candidates in 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 **rights to reschedule** the examination for a candidate. The candidate will not be charged any additional entrance exam fee if the re-schedule is initiated from VIT. However, the candidate has to make his / her own arrangements at his / her cost similar to the original schedule to take the test for the revised schedule.

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 chosen in the application form) and then 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.

Online Test Booking Password

- For both OMR and online applicants, the password will be sent by email to the email address mentioned in the application form. Therefore, it is mandatory to give a valid email address.

- University will not be responsible for non receipt of the email, if the email address given is incomplete or incorrect.

- The security of your Online Test Booking Password is totally your responsibility. VIT University 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 University. 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.

- After logging into the Online Test Booking System you have to select the test you wish to apply for i.e. you have to select Physics / Chemistry / Mathematics / English or Physics / Chemistry / Biology / English from the drop down menu to proceed further.

- **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 a test centre of 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 ONLINE TEST BOOKING SYSTEM within the given time frame. VIT will not be held accountable for the non bookings. The entrance test fee will not be refunded under any circumstances for such cases.

- The confirmation mail will be automatically sent 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 our website **www.vit.ac.in**

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

(ii) DD mode (online applicants need to pay ₹ **960/-** only).
The online applicants (**Except DD mode applicants**), **need not send the hard copy** of the application form to the University.

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 ₹ **990/-** from the various post offices as given in the VIT website: **www.vit.ac.in**

Candidates can obtain the application form in person from the
(i) VIT University, Vellore Campus
(ii) VIT University, Chennai Campus

by handing over a Demand Draft for ₹990/- drawn in favour of 'VIT University', payable at Vellore.

- Candidates can also obtain the application form through post by sending a Demand Draft for **₹990/-**drawn in favour of 'VIT University', payable at Vellore, with a covering letter addressed to "**Director-UG Admissions**", VIT University, Vellore-632014, requesting for the application form and indicating their complete postal address. On receipt of the DD, the application form with the enclosures will be sent by post. The postal charges will be borne by the Institute. Candidate should write his/her name, Mobile Number and address on the reverse side of the DD.

- 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, 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 on the inside 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 29, 2016**. Before despatching the application form ensure that you have filled in the correct Test City Code 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 the application fee refunded in any case.

8.4. Receipt of Completed Application Form:

The last date for the receipt of OMR completed application form at VIT is February 29, 2016.

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 at 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 about 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 as mentioned in 12.2.

10. Test Cities for VITEEE-2016

The VITEEE - 2016 will be held in 118 cities. The list of Test Cities along with their corresponding codes is found in APPENDIX- III 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.

- 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 University immediately.

- The e-Admit card will be made available for candidates on **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 in 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

Candidate should report to the selected test centre with
1. e-Admit card
2. Photocopy of the application form and
3. 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. Passport
d. Driving License
e. Voter ID card
f. 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 email 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 biometric 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 shortlisted candidates during counselling and joining. All candidates are expected to cooperate and plan their time accordingly.

- Candidates are not allowed to carry any item other than the documents mentioned in information brochure (Refer Page number: 6, 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'ts 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 the VITEEE – 2016.

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.

12.2 Announcement of Results:

The entrance examination results will be available in 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 Equipercentile 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.

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 to our website **www.vit.ac.in**

15. Counselling Procedure

15.1. Advance Payment:
The selected candidates will have to submit the DD for ₹50,000 /- in favour of 'VIT University', payable at Vellore, on the confirmation of seat and acceptance of branch allotted. This includes ₹10,000 /- towards counselling fee. **Counselling fee is NON-REFUNDABLE**, but it will be adjusted in the tuition fees once the candidate joins the University.

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 the VITEEE-2016. A candidate may obtain this information on our website or by calling the VIT office, on the day after the declaration of the results of VITEEE-2016.

The intimation regarding counselling dates will be displayed in the VIT website. SMS will also be sent to the qualified candidates after declaration of the results. Common selection and Admission procedure will be followed through single window counselling at Vellore and Chennai campus for all the B.Tech programmes offered in both the campuses of VIT University.

Candidates who have been shortlisted for counselling should also attend the same in person either in Vellore or Chennai campus.

To take care of possible absentees, the number of qualified candidates is kept more than the number of seats available in VIT University. The fact that a candidate has qualified in the VITEEE-2016 and has been called for the counselling does not guarantee admission to him / her. This depends upon the candidate's All India Rank (AIR) in the entrance examination and the availability of seats.

Details of the various branches offered under the B.Tech programme in the current year, the total number of seats allocated for each branch at the time of counselling, the number of seats still available will be displayed at the counselling centre to enable the candidates to make their choice. Based on the availability, the candidate will be allotted the branch.

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. If a candidate does not personally appear before the Admission Committee for counselling on the date specified, his/her seat shall be offered to the next candidate in the order of merit.

However, due to unforeseen reasons, if a candidate is unable to attend the counselling on the specified date and time, he / she can attend on a subsequent date / time, after duly intimating the office, regarding this. But the candidate can only opt for the branch available at that point in time and cannot claim any other branch as per his/her original turn / seniority.

After the counselling for a particular day is over, the number of seats (branchwise) still available for allotment on the next day of counselling will be published in the website and will also be displayed on the notice board of the Institute for the benefit of candidates.

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.

Advance payment for Hostel
Candidate requiring hostel accommodation will have to submit a separate crossed Demand Draft for ₹ 21,000/- (of which, ₹ **1000 /- hostel admission processing fee is non-refundable**) drawn in favour of 'VIT University', payable at Vellore and Students need to mention their choice of bed (two bedded / three bedded etc.,) in the online student profile, while filling 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 one set of photocopies while reporting for counselling.** Candidates will not be allowed to participate in the counselling process without these documents.
- VITEEE-2016 e-Admit Card, Counselling Admit card and VITEEE Result copy
- Class X Board Certificate as a proof of date of birth or any age proof Certificate

- Mark sheet of Qualifying Examination (if available)
- Community Certificate (For SC/ST 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 '**VIT University'**, payable at Vellore.

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 & Campus once made is final and cannot be changed under any circumstances.

16. Payment of Balance Fees

The balance fee in the form of a DD drawn in favour of 'VIT University', payable at Vellore along with a covering letter should reach the **Director-UG Admissions** within the date specified in the provisional admission letter. 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. Intimation will not be sent separately in this regard.

Accordingly candidates admitted in Chennai campus should send the DD directly to the Chennai Campus address mentioned in the form issued at the time of counselling.

DD received after the due date (mentioned in the provisional admission letter) will not be entertained.

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)
- Conduct Certificate
- Community Certificate (For SC/ST 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 & Hostel in ₹ 20/- Stamp Paper. (Format available in 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 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
A student once enrolled for a course is expected to complete the same. He/ She cannot withdraw from the University without informing the Registrar in writing. Otherwise he / she will be liable to pay fees for the period his / her name remains on the rolls.

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

The certificates will be issued 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 the UGC. **The Counselling fee (₹10,000/-) is NON-REFUNDABLE,** but it will be adjusted in the tuition fees once the candidate joins the University.

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

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

Refund will be made only after submission of original fee receipt, Provisional Admission letter and No Dues Certificate. The refund will be made through account transfer to the account number mentioned on the student profile. 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 Institute. 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 University.

Initial admission apply only to the first semester. Admitted students are expected to maintain registration until the completion of the course, to the satisfaction of the Institute.

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 University 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.

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

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 any one is found ragging his/her juniors, he/she can be rusticated from the Institute.

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

18. Hostel Accommodation- Vellore and Chennai Campus

Separate hostel accommodation is available for boys and girls in both Vellore and Chennai campuses.

Hostel accommodation will be provided only to those candidates whose residence is beyond 100 kms radius from the University 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 computerised 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 to the specimen copy enclosed in this brochure.

- Your application form will be Machine-processed. **First, write in CAPITAL LETTERS the required information or enter the relevant code with a black ball-point pen in the box(es) (wherever provided). Shade the alphabet / numeral circle corresponding to the above using HB pencil only.** What you write in the boxes is only for your guidance and for verification that you are shading the correct alphabet / numeral option.

- If you wish to change a marking, erase the shaded spot completely and then shade the appropriate alphabet / numeral.

- **Do not scribble, cut, tear or wrinkle the application form. Do not put any stray pencil marks anywhere on the application form**.

- **Do not write or make any marks on the Barcode**.

- Your photograph, signature and address are to be machine scanned. The machine recognizes only good quality images. You are, therefore, to paste a good quality colour photograph with light colour background taken not more than two months earlier and write your address and signature in black ball-point pen only.

- **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 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 1994**, the date should be entered as follows: 01 07 94. 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, 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.

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	Oriya -11	Others -17
Kannada -06	Punjabi -12	

Item–8–Native State
Refer to the codes for various States given in **APPENDIX-I** 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 particular state, candidate belongs to.

Item–9–Hostel Accommodation
Write the appropriate code in the box provided and then shade the appropriate circle to correspond with the code.

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 email id. It is mandatory that you should produce your correct email id (in capital letters), as all the future correspondence will be communicated through email. Only one candidate can be registered with one email 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 with CAPITAL LETTERS with black ballpoint 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 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–Medium of Instruction
Write the appropriate code in the box provided and then shade the appropriate circle to correspond with the code.

Item–17–Mode of Study
Write the appropriate code in the box provided and then shade the appropriate circle to correspond with the code.

Item–18–XII Board
Refer to the codes for various School Education Boards given in **APPENDIX-II** of the Information Brochure and write the appropriate code in the box provided. Shade the corresponding numeral under each digit of the code.

Item–19–Choice of campus
Write the appropriate code in the box provided and then shade the appropriate circle to correspond with the code.

Item–20–Mobile Number
Write your mobile number in the space provided and shade the corresponding numeral under each digit.

Item–21–Alternate Mobile Number
Write your alternate mobile number in the space provided and shade the corresponding numeral under each digit.

Item–22–Test City
Refer to the codes for Test Cities in **APPENDIX-III** of the Information Brochure and write the appropriate code in the space provided. Shade the corresponding numeral under each digit of the code.

Item–23–Details of the Qualifying Exam passed / appearing for
Write the relevant details as Registration number / Roll number / Complete school address with pincode in each box clearly with black ball-point pen only.

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

VIT ENGINEERING ENTRANCE EXAMINATION
(VITEEE - 2016)

Side - 1

Application fee ₹ 990/-

☞ Please refer to the Information Brochure for filling each item below.
☞ Write only in **CAPITAL LETTERS.** Ensure that you enter the correct code mentioned against the apt choice and shade ● the circle accordingly.
☞ Enter Valid email id and Mobile number for prompt communication

BARCODE

APPLICATION NUMBER

2016400002

RIGHT METHOD
WRONG METHOD

1. NAME OF THE CANDIDATE (As it appears/would appear in your XII Standard Certificate)

KULKARNI ONKAR ANAND

APPLICATION INCOMPLETE IN ANY RESPECT SHALL NOT BE CONSIDERED

---- FOLD ALONG THIS LINE ----

2. DATE OF BIRTH

DAY	MONTH	YEAR
0 8	0 1	9 8

3. GENDER — 1
1. MALE
2. FEMALE
3. TRANSGENDER

4. RELIGION — 1
1. HINDUISM
2. CHRISTIANITY
3. ISLAM
4. OTHERS

5. NATIONALITY — 1
1. INDIAN
2. NRI / PIO / OCI
3. FOREIGN

6. COMMUNITY — 1
1. GENERAL / OC
2. OBC / BC
3. SC
4. ST

7. MOTHER TONGUE — 0 9

8. NATIVE STATE — 2 5

9. HOSTEL ACCOMMODATION REQUIRED — 1
1. YES
2. NO

10. BLOOD GROUP — O +

11. Enter valid Email Id :
(Use only CAPITAL LETTERS)

onkarkulkarni0801@gmail.com

12. YOUR COMPLETE POSTAL ADDRESS INCLUDING YOUR FULL NAME (Write in Black ball point pen only. Use **CAPITAL LETTERS**. Do not use Pencil)

APPLICATION NUMBER

2016400002

Name : KULKARNI ONKAR ANAND
C/O : ANAND VINAYAK KULKARNI
Address : PLOT NO 6/11, "SHRAVAN"
Area : AUDUMBAR COLONY, BHUTKARWADI
City : AHMEDNAGAR
District : AHMEDNAGAR
State : MAHARASHTRA
STD : 0241   Phone No : 2430298

13. PINCODE
4 1 4 0 0 3

Side - 2

14. NAME OF THE PARENT / GUARDIAN

ANAND VINAYAK KULKARNI

15. PARENT'S / GUARDIAN'S OCCUPATION [8]

1. AGRICULTURE SERVICES (1) 2. BUSINESS (2) 3. DEFENCE SERVICE (3) 4. ENGINEERING SERVICES (4) 5. PUBLIC/GOVT SERVICE (5) 6. LAW PRACTICE (6)

7. MEDICAL SERVICES (7) 8. PRIVATE SERVICE ● 9. SELF EMPLOYED (9) 10. TEACHING/ RESEARCH (10) 11. OTHERS (11)

- - - - - FOLD ALONG THIS LINE - - - - -

16. MEDIUM OF INSTRUCTION	17. MODE OF STUDY	18. XII BOARD	19. CHOICE OF CAMPUS	★ 20. MOBILE NO.	★ 21. ALTERNATE MOBILE NO	22. TEST CITY
1	1	16	1	0 8 0 0 7 5 6 0 0 4 4	0 9 7 6 3 1 6 0 2 3 3	1 6 0

16. 1. ENGLISH ● / 2. OTHERS (2)

17. 1. REGULAR (FULL TIME) ● / 2. OTHERS (2)

19. 1. VELLORE ● / 2. CHENNAI (2)

23. DETAILS OF THE QUALIFYING EXAM PASSED / APPEARING FOR : (Candidates must furnish this information, otherwise application will be rejected)

Qualifying Exam Passed / Appearing :	12th	+2 Reg. No. /Roll No. : (if already Allotted)	P 0 4 5 3 5 8

Name of the School : PEMRAJ SARDA COLLEGE

Area : BORKAR NAGAR

City : AHMEDNAGAR

District : AHMEDNAGAR

State : MAHARASHTRA   Pin Code : 4 1 4 0 0 3

Month & Year of Passing/ Appearing : MAY 2015 (eg., APR-2016)

24. WHERE DID YOU SEE OUR ADMISSION ADVERTISEMENT ? (PLEASE SPECIFY NAME OF THE NEWS PAPER / WEBSITE etc.,)

TUTION TEACHER

Place : AHMEDNAGAR

Date : 19/10/2015

Signature of the Parent / Guardian

Signature of the Applicant

Kulkarni Onkar Anand
19.10.2015

Item–24– 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–25–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 and it should have been 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 have it attested.**

It is expected that the candidate will have the same appearance at the time of the examination and counselling as in the photograph affixed in the application form. In case his/her appearance changes, he/she would be required to bring two new photographs at the time of the examination / counselling. **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.

20. Check List

20.1. Documents to be Submitted at the time of Counselling:

1. VITEEE-2016 e-Admit Card /Counselling Admit card / VITEEE Result copy

2. Class X Board Certificate as a proof of date of birth

3. Mark sheet of Qualifying Examination (if available)

4. Transfer Certificate / School Leaving Certificate

5. Migration Certificate (if issued by the Board)

6. Community Certificate (For SC/ST only)

7. 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).

8. DEMAND DRAFT for ₹ 50,000 /- drawn in favour of 'VIT University', payable at Vellore.

9. For hostel admission, DD for ₹ 21,000/- drawn in favour of 'VIT UNIVERSITY' payable at Vellore.

20.2. Documents to be Submitted at the time of 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)

- Conduct Certificate

- Community Certificate (For SC/ST 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 given by the Student, Parent/Guardian and Hostel Affidavit separately as per Annexure - I / II and IV / V

- Physical Fitness Certificate

- 2 sets of photocopies of all original documents.

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

Kulkarni Onkar Anand
19.10.2015

APPENDIX - I

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	Orissa	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 – II

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	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

APPENDIX – III
Codes of the Test Cities – VITEEE – 2016

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

Abroad Centres	Dubai	216
	Kuwait	217
	Muscat	218

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.

Wavefront and Huygens's principle - Reflection, total internal reflection and refraction of plane wave at a plane surface using wavefronts. 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 - semiconductor 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 spectrum, absorption spectrum, line spectra and band spectra; Hydrogen spectrum – Lyman, Balmer, Paschen, Brakett 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,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, properties of $CuSO_4$, $AgNO_3$ and $K_2Cr_2O_7$.

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, 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, p^H and p^{OH} – buffer solutions – use of p^H 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 1^0, 2^0 and 3^0 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 monobarboxylic acids – formic acid – Properties – Uses. Monohydroxy mono carboxylic acids; Lactic acid – Synthesis of lactic acid. Aliphatic dicarboxylic acids; Preparation of oxalic and succinic acid. Aromatic acids; Benzoic and Salicylic acid – 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 1^0, 2^0 and 3^0 amines. Aromatic amines – Synthesis of benzylamine – Properties, Aniline – Preparation – Properties – Uses. Distinction between aliphatic and aromatic amine. 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 and linear equations.

Second order linear differential equations **-** second order linear differential equations with constant co-efficients, finding the particular integral if $f(x) = e^{mx}$, 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 – 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 of non-chordates up to phyla levels and chordates up to class levels.

2.Cell and Molecular Biology

Cell theory. Prokaryotic cell and it's 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 poly-embryony. 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, 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. 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.

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. Population attributes - growth, birth and death rate and age distribution.

VITEEE - 2016 – SYLLABUS

ENGLISH

INSTRUCTIONS TO THE CANDIDATES
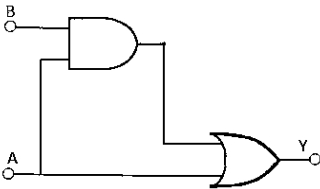
1. Question Nos. 121 to 125 are questions on English and they will be **Multiple Choice Questions**

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 dialogue (2 exchanges)

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

4. The candidates should read carefully the texts and the questions that follow 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 – V

VITEEE - 2016 - SAMPLE QUESTIONS

PHYSICS

1. The electric field at a distance 8 cm from an infinite line charge is 9.0×10^5 N C^{-1}. The corresponding line charge density is

   A) 0.5 μC m^{-1} B) 1.0 μC m^{-1} C) 2.0 μC m^{-1} D) 4.0 μC m^{-1}

2. The quantity of charge flowing at any instant of time t through the cross-section of wire is given by
   $q(t) = 3t^2 - 9t + 6$. The value of the current in the wire at $t = 4$ s will be

   A) 10 A B) 12 A C) 15 A D) 18 A

3. The substances for which the value of magnetic permeability is just more than unity are called
   A) diamagnetics B) ferromagnetics C) antiferromagnetics D) paramagnetics

4. A thin convergent glass lens of refractive index 1.5 has a power of + 5 D. When this lens is immersed in a liquid of refractive index μ_ℓ, it acts as a divergent lens of focal length 100 cm. The value of μ_ℓ is
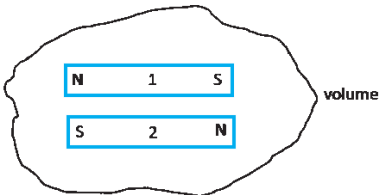
   A) 1.667 B) 1.333 C) 1.556 D) 1.444

5. The correct order in which frequency of the following electromagnetic radiations increases is
   A) Microwaves, Ultraviolet rays, X-rays
   B) Ultraviolet rays, Microwaves, X-rays
   C) Microwaves, X-rays, Ultraviolet rays
   D) X-rays, Ultraviolet rays, Microwaves

6. The ratio of mass defect of the nucleus to its mass number is maximum in the nuclei of
   A) N^{14} B) Cu^{64} C) Fe^{56} D) U^{238}

7. Consider the combination of gates as shown in figure below. The output Y of the combination will be

   A) $A \cdot \overline{A} \cdot B$

   B) $A + A + B$

   C) $A \cdot A + B$

   D) $A + A \cdot B$

8. If I_1 and I_2 are intensities of two waves and α is the phase difference between two light waves of same frequency, then the resultant
   intensity I_r is given as

   A) $I_r = I_1 + I_2 + 2\sqrt{I_1 I_2}\cos\alpha$ B) $I_r = I_1 + I_2 + 2\sqrt{I_1 I_2}\sin\alpha$

   C) $I_r = I_1 + I_2 + \sqrt{2 I_1 I_2}\cos\alpha$ D) $I_1 I_2 + 2\sqrt{I_1 + I_2}\sin\alpha$
   E)

9. The distance of closest approach of an alpha particle fired at a nucleus with a kinetic energy K is r_0. If the kinetic energy is doubled, the distance
   of closest approach becomes
   A) $r_0/2$ B) $2r_0$ C) $r_0/4$ D) $4r_0$

10. Two bar magnets with their north poles having strengths $Q_{m1} = 20$ A m and $Q_{m2} = 10$ A m (magnetic flux charges) are placed inside a
    volume as shown in the figure. The magnetic flux leaving the volume is

    A) 100 Wb

    B) 0 Wb

    C) 10 Wb

    D) -10 Wb

CHEMISTRY

1. Which one of the substituted benzene molecules has the largest dipole moment?

    A) Phenylamine   B) Nitrobenzene   C) Methylbenzene   D) Phenol

2. The meaning of ψ^2 is

    A) the wave function of an electron   B) the orbital in an atom   C) the probability of finding an electron in a small volume in space   D) the nodal plane in an orbital

3. A molecule is chiral because it has

    A) plane of symmetry   B) centre of symmetry   C) neither a plane nor a centre of symmetry   D) plane of rotation

4. Which atom has the same number of neutrons as ^{55}Mn?

    A) ^{59}Co B) ^{51}V C) ^{56}Fe D) ^{52}Cr

5. Which ion is colourless in aqueous solution?

    A) $[Zn(H_2O)_6]^{2+}$ B) $[Fe(H_2O)_6]^{2+}$ C) $[Co(H_2O)_6]^{2+}$ D) $[Cu(H_2O)_6]^{2+}$

6. A sample of an ideal gas has internal energy U and is then compressed to one-half of its original volume while the temperature remains the same. What is the new internal energy of the ideal gas in terms of U?

    A) U   B) 0.5U   C) 2U   D) 4U

7. Which of the following aldehydes or ketones would react positively in the iodoform reaction?

    A) benzaldehyde   B) butanal   C) pentan-3-one   D) pentan-2-one

8. The C–O bond in ethers can be cleaved by refluxing with

    A) concentrated solution of HI   B) Br_2 in ethanoic acid   C) concentrated H_2SO_4 D) $KI + I_2$ solution

9. Which process is accompanied by a decrease in entropy of the materials?

    A) expansion of a gas into a vacuum   B) solution formation   C) crystal formation   D) thermal equilization between two regions in thermal contact

10. Given that Λ_m^∞ for HCl, NaCl, and NaOAc are 426.1, 126.5, and 91.0 Ω^{-1} cm^2 mol^{-1}, the value of the molar conductivity in Ω^{-1} cm^2 mol^{-1} at infinite dilution for acetic acid is

    A) 643.6   B) 390.6   C) 461.6   D) 208.6

MATHEMATICS

1. Let ω be the cube root of unity, then $\begin{vmatrix} 1+\omega & \omega & \omega^2 \\ 2\omega^2 & 1+\omega^2 & 1+2\omega \\ -\omega^2 & 2\omega & 1+\omega^2 \end{vmatrix} =$

A) -2   B) 1   C) $-6-8\omega$ D) $-6+8\omega$

2. The length of latus rectum of parabola $13(x-2)^2 + 13(y-3)^2 = 2x - 3y + 18$ is

A) $\sqrt{13}$ B) $2\sqrt{13}$ C) $31/\sqrt{13}$ D) $62/\sqrt{13}$

3. If $2x + ay + 4 = 0$ is a tangent to parabola $x^2 = y$, then $a =$

A) 1/4   B) 1   C) 4   D) 1/2

4. The position vectors of four points P, Q, R and S are $(2\hat{i}+\hat{j}-k), (\hat{j}-2\hat{k}), (3\hat{i}-\hat{j}+2\hat{k})$ and $(\hat{i}-\hat{j}-\hat{k})$, respectively. The angle between $\overrightarrow{PQ}$ and $\overrightarrow{RS}$ is

A) $cos^{-1}\left(\frac{7}{\sqrt{65}}\right)$ B) $cos^{-1}\left(-\frac{7}{\sqrt{65}}\right)$ C) $cos^{-1}\left(\frac{1}{\sqrt{65}}\right)$ D) $cos^{-1}\left(-\frac{1}{\sqrt{65}}\right)$

5. The value of λ for which the position vectors $(\hat{i}+\hat{j}+\hat{k}), (2\hat{i}+\lambda\hat{j}+2\hat{k}), (\hat{i}-\hat{j}-\hat{k})$ and $(2\hat{i}+\hat{j}-\lambda\hat{k})$ are coplaner is

A) 3/2   B) 1/2   C) 3   D) 1

6. The water is leaking from a spherical balloon of 5 meter radius and the radius decreases at the rate of 10 cm/s. The rate of change in the volume of balloon is

A) 1000π m^2/s   B) 100π m^2/s   C) 10π m^2/s   D) $\frac{10\pi}{3}$ m^2/s

7. The value of $\int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} [\exp(|x|) - |\sin x|] dx$ is   The value of $\int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} [\exp(|x|) - |\sin x|] dx$ is

The value of $\int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} [\exp(|x|) - |\sin x|] dx$ is

A) $\exp(\pi)$ B) $\exp(\pi) + 2$ C) $2\exp\left(\frac{\pi}{2}\right) - 4$ D) $2\exp\left(\frac{\pi}{2}\right)$

8. The solution of differential equation $(x^4 + y^4)dy - yx^3 dx = 0$ is

A) $4\log\left|\frac{y}{x}\right| - y = constant$

B) $4\log\left|\frac{y}{x}\right| + y = constant$

C) $\log|y| + \frac{y^4}{4x^4} = constant$

D) $\log|y| - \frac{y^4}{4x^4} = constant$

9. A train has n stoppages at various stations and suppose m passengers $(n \geq m)$ are travelling in the train. The probability that no two passengers get down at the same station is

A) $\frac{nC_m}{n^m}$ B) $\frac{nC_m}{m^n}$ C) $\frac{nP_m}{m^n}$ D) $\frac{nP_m}{n^m}$

10. Suppose that a random variable X has a Poisson distribution with mean 5. The value of probability that $X > 1$ is

A) e^{-5} B) $1 - 2e^{-5}$ C) $6e^{-5}$ D) $1 - 6e^{-5}$

BIOLOGY

1. Binomial Nomenclature is a system of naming organisms with

   A) generic and specific epithets   B) only generic epithet   C) only species epithet   D) numeric epithet

2. Which of these is not a cell organelle?

   A) Ribozymes   B) Ribosomes   C) Nucleus   D) Mitochondrion

3. Fusion of two dissimilar gametes is called

   A) allogamy   B) autogamy   C) fertilization   D) dichogamy

4. Maize is a diploid organism with 10 pairs of chromosomes. How many chromosomes and chromatids are present in the metaphase stage of cell division?

   A) 20 chromosomes and 40 chromatids   B) 40 chromosomes and 20 chromatids   C) 40 chromosomes and 40 chromatids   D) 20 chromosomes and 20 chromatids

5. A disease that can be transmitted by an infectious agent from one individual to another is called

   A) epidemic   B) pandemic   C) communicable disease   D) coma

6. Histidine, Leucine, Methionine are examples of

   A) non-essential amino acids   B) essential amino acids   C) moderately essential amino acids   D) very essential amino acids

7. Blood plasma from which the clotting protein fibrinogen has been removed is called

   A) berum   B) rerum   C) serum   D) ferum

8. Which of the following is not essential element for plants?

   A) Iron   B) Zinc   C) Potassium   D) Iodine

9. *Bacillus thuringiensis* (Bt) strains have been used to design novel

   A) biofertilizers   B) bio-mineralization processes   C) bio-insecticidal plants   D) bio-metallurgical techniques

10. Which one of the following is not a pollutant?

    A) Hydrocarbon   B) Carbon dioxide   C) Carbon monoxide   D) Sulphur dioxide

ENGLISH

1. Read carefully the piece of conversation and the question that follows. Choose the correct answer.

DERRY: I thought it was empty....an empty house.
MR LAMB: So it is. Since I'm out here in the garden. It is
empty. Until I go back inside. In the meantime,
I'm out here and likely to stop. A day like this.
Beautiful day. Not a day to be indoors.

Why is Mr. Lamb out of his house?
a.   He does not like to be indoors.
b.   He loves to enjoy the beautiful day.
c.   He has lot of leisure time.
d.   He wants to keep the house empty.

2. Read carefully the passage and the question that follows. Choose the correct answer.

…..the unmitigated burning of fossil fuels has now created a blanket of carbon dioxide around the world, which is slowly but surely increasing the average global temperature.

The author mentions carbon dioxide emission as a cause for global warming. What else causes global warming?
a.   methane emission
b.   coal mining
c.   liquefied petroleum
d.   atomic energy

3. Read carefully the passage and the question that follows. Choose the correct answer.

Food is more important for survival than an identity. "If at the end of the day we can feed our families and go to bed without an aching stomach, we would rather live here than in the fields that gave us no grain," say a group of women in tattered saris…..

The passage makes a comparison between_____
a.   Survival and identity
b.   Food and families
c.   Food and identity
d.   Women and saris

4. Read carefully the following stanza of a poem and the question that follows. Choose the correct answer.

We have imagined for the mighty dead;
All lovely tales that we have heard or read;
An endless fountain of immortal drink,
Pouring unto us from the heaven's brink.

What is the rhyme scheme of the stanza?

a.   aaab
b.   abbc
c.   abcd
d.   aabb

5. How many syllables are there in the following word? Choose the correct answer.
   Environment
a.   4
b.   3
c.   5
d.   6

ANNEXURE I

AFFIDAVIT BY THE STUDENT

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

I,_____ (full name of
student with admission/registration/enrolment number) s/o d/o Mr./Mrs.Ms,_____
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).

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 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.

<div align="right">

Signature of Deponent

Name:

Address:

Telephone / Mobile No:

</div>

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).

<div align="right">

Signature of deponent

</div>

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

CERTIFICATE TO PROVE NATIVITY

(For candidates hailing from Jammu and Kashmir and the North Eastern states of
Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura)

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

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) 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 here under specified Rules and Regulations of VIT Men's Hostel. I / we agree to obey by the Hostel Rules and Regulations. I / we will also read the detailed rules given in (www.vit.ac.in / CampusLife / hostels and dining /) and follow them.

Highlights of Rules and Regulations of VIT Men's Hostel

DAY	IN - TIME	
	Campus Main Gate	Hostel Sub-way Gate
Instructional days	7.00 pm	8.30 pm
Weekends & University holidays	6.00 pm	8.00 pm

NOTE: 4 Times in a month, 6 Hour long outing (within Vellore limits) is permitted only during weekends and Holidays with prior approval.

1. Students should be available in their respective rooms as attendance will be taken in your respective blocks at .9.00 pm every night.
2. Students should stay only in the room allotted to them. Staying in other's room is not permitted.
3. Any physical/mental harassment towards fellow students including ragging, quarrelling, using abusive language and violent behaviour is prohibited.
4. Smoking is strictly prohibited inside the Hostel premises and University Campus.
5. Hostel is meant for facilitating students for studies. Therefore, silence should be maintained especially from 9.00 pm to 6.00am. Students should not disturb other student by conducting any kind of parties, playing music, talking loudly over mobile phone etc.
6. Multi-Level Marketing (MLM) and gambling in any form including playing cards in the hostel is prohibited.
7. 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.
8. 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.
9. Anyone causing damage to the hostel property will be penalized suitably.
10. Hostel students shall not bring any day-scholar / ex-VITian / non-VITian inside the hostel premises.
11. Students availing online leave approval, should not got to a place other than the place specified in the leave request. Online leave approval system should not be misused in any manner.
12. Hostellers are not allowed to keep or operate any kind of motor vehicles. However Bicycle can be used.
13. Students in the hostel are not allowed to keep air coolers / cassette record players / TV / electric iron box / any other electrical & electronic equipment / gadgets. Unauthorised possession will lead to confiscation of the goods. Cooking in the rooms is strictly prohibited.
14. 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.
15. Student who wants to vacate the hostel and stay out side has to produce written consent letter from their parents.
16. The hostel fee is valid only till last Term End Exam + 5 days

Signature of the Student   Signature of the Parent/Guardian
(Name:)   (Name:)
Application No:
Date:
Place: **OATH COMMISSIONER / ADVOCATE AND NOTARY PUBLIC**

ANNEXURE V
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 Ladies Hostel. I / we agree to obey by the Hostel Rules and Regulations. I / we will also read the detailed rules given in (www.vit.ac.in/ CampusLife / hostels and dining/) and follow them.

Highlights of Rules and Regulations of VIT Ladies Hostel

Day	IN-TIME		OUTING	
	Main Gate	Hostel Block Gate	Duration	No. of Times
Instructional Day	7.00 pm	8.30 pm	2 hours	During non-class hours, only once in a day
Weekends & University Holidays	6.00 pm	8.00 pm	6 hours	4 times in a month (within Vellore city limits only)

1. Students have to record their attendance everyday between 8:30pm - 09:45pm in the biometric machines without fail.
2. Students should stay only in the room allotted to them. Staying in other rooms is not permitted.
3. Any physical / mental harassment towards fellow students including ragging, quarrelling, using abusive language and violent behaviour is prohibited.
4. Smoking is strictly prohibited inside the Hostel premises and University campus.
5. Hostel is meant for facilitating studies. Therefore, silence should be maintained especially from 9.00 pm to 6.00 am. Students should not disturb other students by conducting parties, playing music, talking loudly over mobile phones, etc.,
6. Multi-Level Marketing (MLM) and gambling in any form including playing cards in the hostels is prohibited.
7. 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.
8. 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. Abuse of any chemicals is prohibited.
9. Anyone causing damage to the hostel property will be penalized suitably.
10. Hostel students should not bring any day-scholar or ex-VITian or non-VITian inside the hostel Premises.
11. Students availing online leave approval, should not got to a place other than the place specified in the leave request. Online leave approval system should not be misused in any manner.
12. Hostellers are not allowed to keep any kind of motor vehicles. However, bicycle can be used.
13. Students in the hostel are not allowed to keep air coolers, musical instruments and cassette record players, TV, electric iron box or any other electrical equipment/gadgets. Unauthorised possession will lead to confiscation of the goods. Cooking in the rooms is strictly not permitted due to fire safety reasons.
14. Students are personally responsible to safeguard their belongings. Students are advised not to keep large amounts of cash or valuables like gold, costly wristwatch / laptops / cell phone, expensive jewellery etc., in their rooms.
15. For security reasons, girl students will not be permitted to stay as day boarders outside the campus unless parent stays with them.
16. Personal Security Bond should be submitted by the parent for shopping and outing permissions of their ward.
17. First year students will be permitted for outings only after 3 months of joining (on submission of Notarised Personal Security Bond and local guardian details).
18. Students will be permitted to go on leave to Home town / Local guardian's place only once in a month.
19. The hostel fee is valid only till last Term End Exam + 5 days.

I / We have read and understood the rules. I agree to obey by the rules. I will also read the detailed rules given in VIT's website and follow them.

Signature of the Student   Signature of the Parent/Guardian

Name:…………………………   Name:…………………………….
Application No:………………………

OATH COMMISSIONER / ADVOCATE AND NOTARY PUBLIC

ANNEXURE VI

CERTIFICATE OF PHYSICAL FITNESS

PERSONAL DETAILS		Application No.	
Name			
Gender			
Date of Birth		Age (in years)	
Blood Grouping			
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:	

CERTIFICATE OF PHYSICAL FITNESS

NAME OF THE CANDIDATE: **Application No. :**

Pulse			/Min	Height			Cms
BP			Mm/ Hg	Weight			Kgs
Bodily Infirmity			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 _____

Photograph of the candidate to be affixed and attested by the Doctor
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 and attested by the Doctor

IMPORTANT DATES

Last date for Receipt of Application form   -   Monday February 29 , 2016

VIT Engineering Entrance Examination (VITEEE-2016)   -   6ᵗʰ April to 17ᵗʰ April 2016

Declaration of Results (Tentative)   -   Friday April 29 , 2016

Commencement of Classes (Tentative) - Vellore Campus

B.Tech. – CSE, IT, Computer Science Engg with spec. in Bioinformatics	Friday July 01, 2016
B.Tech. – ECE, EEE, EIE, Bio-Medical, Biotechnology	Monday July 04, 2016
B.Tech. –Civil, Chemical, Mechanical, Mech(spec. in Energy Engg),Mech (spec. in Automotive Engg), Production & Industrial Engineering	Wednesday July 06, 2016

For Admission details contact:	For Hostel details contact:
Director - UG Admissions VIT University Vellore – 632 014, Tamil Nadu, INDIA Phone: +91-416-2202168, 2202157 Fax: +91-416 224 5544, 224 0411 Email: ugadmission@vit.ac.in Website: www.vit.ac.in	**Chief Warden, VIT University** Vellore – 632 014, Tamil Nadu, INDIA Phone: 0416-220 2028 (2 lines), 220 2528 Email : chiefwarden@vit.ac.in Mens Hostel: +91-416-220 2028, 220 2528 Fax: +91-416 224 4705 Ladies Hostel: +91-416-220 2710 Fax: +91-416 420 7074

Commencement of Classes (Tentative) – Chennai Campus

B.Tech. – Civil, CSE, ECE, EEE, Mechanical	Thursday July 07, 2016

For Admission details contact:	For Hostel details contact:
Administrative Officer Vandalur - Kelambakkam Road Chennai - 600 127 Tel: +91 44 3993 1555, 3993 1447 Fax: +91 44 3993 2555 Email: admin.chennai@vit.ac.in	**Chief Warden, VIT University Chennai Campus** Vandalur - Kelambakkam Road Chennai - 600 127 Tel: +91 44 3993 1205 Mens Hostel: +91 44 3993 1205 Ladies Hostel: +91 44 3993 1251 Fax: +91 44 3993 2555

- All admissions are subject to 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 University shall be instituted within the jurisdiction of courts at Vellore, Tamil Nadu only. The Registrar of the University shall be the legal person in whose name the University may sue or be sued.

VIT®
UNIVERSITY
(Estd. u/s 3 of UGC Act 1956)

VELLORE ■ CHENNAI

Vellore - 632014, Tamil Nadu, India
www.vit.ac.in