

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY PO- ENGINEERING COLLEGE BURLA, SIDDHI VIHAR, BURLA, SAMBALPUR, ODISHA-768018

Advt.No. VSSUT/PGSR/ 706 /2017

ADMISSION NOTICE

Ph.D PROGRAMME - SPRING 2018

Applications are invited for admission into the regular/sponsored **Ph.D Programme** in broad disciplines of **Engineering** (Architecture, Civil, Computer Science, Chemical, Electrical, Electronics & Telecommunications, Information Technology, Mechanical, Metallurgy & Materials, Production,) and **Science & Humanitities** (Chemistry, Computer Application, Mathematics, Physics and English) at the Veer Surendra Sai University of Technology, Burla.

The details area of research, eligibility, vacancies alongwith application form and other information can be downloaded from VSSUT website www.vssut.ac.in. Filled in application form with required certificates and a crossed Demand Draft for Rs.500/- (Rs.200/- in case of SC/ST candidates) in favour of VSSUT payable at Burla, Syndicate Bank (Code - 8062) or SBI, Burla (Code - 2034) and send the same by Speed Post/Regd.Post only so as to reach in the office of Dean, PGS&R, VSSUT, Burla, Sambalpur by 20.12.2017, 5.00 PM. The envelope containing the application should be superscribed as "Application for Ph.D Programme Spring -2018" along with the name of the Department as applicable. The authority reserves the right to accept/reject any or all applications or the entire selection process without assigning any reason thereof.

Sd/-REGISTRAR

Date: 18/11/2017

Date: 18/11/2017

Memo No.VSSUT/PGSR/ **707(05)** /17 Copy to:

- 1. University Notice Board
- 2. Dean, Faculty & Planning with a request to display the advertisement in the University website www.vssut.ac.in alongwith information for admission to Ph.D Programme, Spring 2018.
- 3. All Deans/HODs/COF/COE for information & necessary action.
- 4. Display line, Saheed Nagar, Bhubaneswar with a request to publish the notice in daily Samaja, (All Edition) & The Indian Express (All India Edition) on or before **19.11.2017** using minimum space in I&PR rate as applicable to Government Educational Institute/Universities. The bills in triplicate along with copy of the concerned issue may be submitted for necessary payment after the publication.
- 5. P.A to V.C for kind information of Hon'ble Vice-Chancellor.

Sd/-

REGISTRAR



VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY PO- ENGINEERING COLEGE BURLA, SIDDHI VIHAR, BURLA SAMBALPUR – 768018, ODISHA, INDIA

ADMISSION TO Ph.D PROGRAMME – SPRING 2018 <u>INFORMATION TO CANDIDATES</u>

Admissions will be made to Ph.D Programme offered by the VSSUT, Burla in the following faculties

and respective department/subject branches as per existing vacancies only.

Sl.No.	Disciplines	Department	No. of vacancies in Ph.D
		Architecture	02
		Civil Engineering	04
		Chemical Engineering	01
		Computer Science & Engineering	06
		Electrical Engineering	06
1	ENGINEERING	Electronics & TC Engineering	06
		Information Technology	04
		Mechanical Engineering	06
		Metallurgy & Materials Engineering	02
		Production Engineering	04
		Chemistry	04
2	SCIENCE	Computer Applications	02
4	SCIENCE	Mathematics	04
		Physics	03
3	HUMANTIES	Humanities (English)	01

N.B:

- 1. Number of admission may be less than the number of vacancies depending on availability of suitable meritorious students with research bent of mind.
- 2. The authority reserves the right to accept/reject any or all the applications or the entire selection process without assigning any reason thereof.

TENTATIVE PROGRAMME

(Subject to change without any notification)

by Speed Post (Fix date) 20.12.2017	in VSSUT Website 4 th Week of December	VSSUT, Burla 2 nd week of January, 2018	in VSSUT Website 3 rd week of January, 2018	of classes 4 th week of January, 2018
Last date of Receipt of Application	Last date of display of short listed candidates	Date of the Written Test & Interview at	Date of Publication of list of Selected candidates	Date of admission & commencement

Eligibility: The following are the required educational qualifications for admission into Ph.D Programme

Civil Engineering (CE) B. Tech/BE/B.Sc. (Engg.) M. Tech/ME/M.Sc. (Engg.) in Civil Engineering/ Environmental Engineering/ Naval Architecture & Ocean Engg/Aero Space Engg./ Building Science & Technology/ Construction Management	Sl.No.	Disciplines	Eligibility Criteria
Mechanical Engineering (ME) Mechanical Engineering/ Manufacturing Science & Engg./Industrial Engg./Industrial Design Marine Engineering/Power Plant Engg./ Aerospace Engg.	1	Civil Engineering (CE)	Engineering/ Environmental Engineering/ Naval Architecture & Ocean Engg/Aero Space Engg./ Building Science &
Electrical Engg. Electrical & Electronics Engg./Electronics & Electrical Engg. Instrumentation Engg. & Electronics & Electrical Engg. Electronics & Electrical Engg. Instrumentation Engg. & Electronics & Electronics & Electronics & Electronics & Electronics & Electronics & Engg./Instrumentation Engg. & Electronics & Electronics & Engg./Instrumentation Engg. Electronics & Electronics & Engg./Instrumentation Engg. Electronics & Electronics & Engg./Instrumentation Engg. Electronics & Electronics & Engg./Electronics & Engg./Electronics & Engg./Electronics & Electronics & Electronics & Engg./Electronics & Electronics & Elec	2	Mechanical Engineering (ME)	Mechanical Engg./ Production Engineering/ Manufacturing Science & Engg./Industrial Engg./Metallurgy & Materials Engineering/Power Plant Engg.,Industrical Design Marine
Electrical & Electronics Engg. (EEE) Electrical Engg./ Electronics & Electronics Engg./ Electronics & Electronics Engg. & Electronics Engg./ Electronics & Electronics & Electronics Engg./ Electronics Engg./ Electronics & Electronics Engg./	3	Electrical Engineering (EE)	Electrical Engg. Electrical & Electronics Engg./Electronics & Electrical Engg./ Instrumentation Engg. & Electronics &
B. Tech/BE/B.Sc. (Engg.)/M.Tech/ME/M.Sc. (Engg.) in Electronics & Telecommunication Engg/ Electronics & Communication Engg/ Electronics & Electrical Engg. 6 Computer Science & Engg. (CSE) 7 Information Technology (IT) 8 Production Engineering (PE) 8 Production Engineering (PE) 9 Metallurgy & Materials Engg. (MME) 9 Metallurgy & Materials Engg. (MME) 10 Chemical Engineering (CHE) 11 Architecture 12 Physics (PH) 12 Physics (PH) 13 Chemistry (CH) 14 Mathematics (MA) 15 Computer Application (CA) B. Tech/BE/B.Sc. (Engg.) /M.Tech/ME/M.Sc. (Engg.) in Production Engg./ Metallurgy & Materials Engg. (Industrial Engineering (Penantial) Engineering (Pe	4	Electrical & Electronics Engg. (EEE)	Electrical Engg./ Electrical & Electronics Engg./Electronics & Electrical Engg/ Instrumentation Engg. & Electronics &
Computer Science & Engg. (CSE) Computer Sc. & Engg./Information Technology B.Tech/BE/B.Sc.(Engg)/M.Tech/ME/M.Sc.(Engg) in Information Technology (Computer Sc. & Engg.) B.Tech/BE/B.Sc.(Engg.)/M.Tech/ME/M.Sc.(Engg) in Production Engineering (PE) B.Tech/BE/B.Sc.(Engg.)/M.Tech/ME/M.Sc.(Engg) in Production Engg./ Mechanical Engineering/ Manufacturing Science & Engg. / Industrial Engg. / Metallurgy & Materials Engg/Industrical Design Engg. / Production & Industrial Engg/ Mechatronics Engg. B.Tech/BE/B.Sc.(Engg)/M.Tech/ME/M.Sc.(Engg) in Metallurgy & Materials Engg/ Production Engg. / Manufacturing Science and Engineering / Mechanical Engg. / Manufacturing Science and Engineering / Mechanical Engg. / Industrial Engg. Chemical Engineering (CHE) B.Tech/BE/B.Sc.(Engg)/M.Tech/ME/M.Sc.(Engg) in Chemical Engineering Science and Engineering or equivalent and/or Master's degree in Architecture/ Planning or equivalent and/or Master's degree in Architecture/ Planning/allied specialization. Physics (PH) M.Sc./M.Sc.(Tech) in Physics/Material Science/ Computer Science/Ectronics/Nano Technology/ Ballistic Physics Material Science/Polymer/Plastic Technology/ Nano Chemistry. M.Sc./M.Sc.(Tech) in Chemistry, Environmental Science/ Material Science/Polymer/Plastic Technology/ Nano Chemistry. MCA/ M.Sc./M.Tech in Computer Science/ Computer Science/ Computer Application / Information Technology	5	Electronics & Telecomm. Engg.(ETC)	B.Tech/BE/B.Sc.(Engg.)/M.Tech/ME/M.Sc.(Engg) in Electronics & Instrumentation Engg./ Electronics & Telecommunication Engg/ Electronics & Communication Engg / Electrical & Electronics Engg./ Electronics &
B. Tech/BE/B.Sc. (Engg)/M.Tech/ME/M.Sc. (Engg) in Information Technology (Computer Sc. & Engg. B. Tech/BE/B.Sc. (Engg.)/M.Tech/ME/M.Sc. (Engg.) in Production Engineering (PE) B. Tech/BE/B.Sc. (Engg.)/M.Tech/ME/M.Sc. (Engg.) in Production Engineering (PE) Science & Engg./ Industrial Engineering / Materials Engg/Industrical Design Engg./ Production & Industrial Engg/ Mechatronics Engg.	6	Computer Science & Engg. (CSE)	
B.Tech/BE/B.Sc.(Engg.)/M.Tech/ME/M.Sc.(Engg) in Production Engineering (PE) 8 Production Engineering (PE) 8 Production Engineering (PE) 8 Production Engineering (PE) 8 Engg/Industrial Engg./ Metallurgy & Materials Engg/Industrial Engg./ Production & Industrial Engg/Mechatronics Engg. 9 Metallurgy & Materials Engg. (MME) 9 Metallurgy & Materials Engg. (MME) 10 Chemical Engineering (CHE) 11 Architecture 12 Physics (PH) 12 Physics (PH) 13 Chemistry (CH) 14 Mathematics (MA) 15 Computer Application (CA) 16 Production Engg./ Industrial Engg./ Industrial Engg./ Production & Industrial Engg./ Materials Engg/Production Engg. / Manufacturing Science and Engineering/ Mechanical Engg./Industrial Engg. 16 B.Tech/BE/B.Sc.(Engg)/M.Tech/ME/M.Sc.(Engg) in Chemical Engineering 17 Bachelor's Degree in Architecture/ Planning or equivalent and/or Master's degree in Architecture/ Planning/allied specialization. 18 M.Sc./M.Sc.(Tech) in Physics/Material Science/ Computer Science/Electronics/Nano Technology/ Ballistic Physics 19 M.Sc./M.Sc.(Tech) in Chemistry, Environmental Science/ Material Science/Polymer/Plastic Technology/ Nano Chemistry. 10 Mathematics (MA) 11 Mathematics (MA) 12 Mathematics (MA) 13 Computer Application (CA) 14 Mathematics (MA) 15 Computer Application (Information Technology	7	Information Technology (IT)	B.Tech/BE/B.Sc.(Engg)/M.Tech/ME/M.Sc.(Engg) in
B.Tech/BE/B.Sc.(Engg)/M.Tech/ME/M.Sc.(Engg) in Metallurgy & Materials Engg. (MME) Metallurgy & Materials Engg/ Production Engg. / Manufacturing Science and Engineering/ Mechanical Engg./Industrial Engg. B.Tech/BE/B.Sc.(Engg)/M.Tech/ME/M.Sc.(Engg) in Chemical Engineering (CHE) B.Tech/BE/B.Sc.(Engg)/M.Tech/ME/M.Sc.(Engg) in Chemical Engineering Bachelor's Degree in Architecture/ Planning or equivalent and/or Master's degree in Architecture/ Planning/allied specialization. Physics (PH) M.Sc./M.Sc.(Tech) in Physics/Material Science/ Computer Science/Electronics/Nano Technology/ Ballistic Physics M.Sc./M.Sc.(Tech) in Chemistry, Environmental Science/ Material Science/Polymer/Plastic Technology/ Nano Chemistry. M.Sc. in Mathematics/Statistics/ Computer Science. MCA/ M.Sc./M.Tech in Computer Science/ Computer Application (CA)	8	Production Engineering (PE)	B.Tech/BE/B.Sc.(Engg.)/M.Tech/ME/M.Sc.(Engg) in Production Engg./ Mechanical Engineering/ Manufacturing Science & Engg./ Industrial Engg./ Metallurgy & Materials Engg/Industrical Design Engg./ Production & Industrial
10 Chemical Engineering (CHE) B.Tech/BE/B.Sc.(Engg)/M.Tech/ME/M.Sc.(Engg) in Chemical Engineering Bachelor's Degree in Architecture/Planning or equivalent and/or Master's degree in Architecture/Planning/allied specialization. Physics (PH) M.Sc./M.Sc.(Tech) in Physics/Material Science/ Computer Science/Electronics/Nano Technology/ Ballistic Physics M.Sc./M.Sc.(Tech) in Chemistry, Environmental Science/Material Science/Polymer/Plastic Technology/ Nano Chemistry. Mathematics (MA) M.Sc. in Mathematics/Statistics/ Computer Science. MCA/ M.Sc./M.Tech in Computer Science/Computer Application (CA)	9	Metallurgy & Materials Engg. (MME)	B.Tech/BE/B.Sc.(Engg)/M.Tech/ME/M.Sc.(Engg) in Metallurgy & Materials Engg/ Production Engg. / Manufacturing Science and Engineering/ Mechanical
Bachelor's Degree in Architecture/Planning or equivalent and/or Master's degree in Architecture/Planning/allied specialization. Physics (PH) Physics (PH) M.Sc./M.Sc.(Tech) in Physics/Material Science/Computer Science/Electronics/Nano Technology/ Ballistic Physics M.Sc./M.Sc.(Tech) in Chemistry, Environmental Science/Material Science/Polymer/Plastic Technology/ Nano Chemistry. Mathematics (MA) M.Sc. in Mathematics/Statistics/ Computer Science. MCA/M.Sc./M.Tech in Computer Science/Computer Application (CA)	10	Chemical Engineering (CHE)	B.Tech/BE/B.Sc.(Engg)/M.Tech/ME/M.Sc.(Engg) in
Physics (PH) M.Sc./ M.Sc.(Tech) in Physics/Material Science/ Computer Science/Electronics/Nano Technology/ Ballistic Physics M.Sc./M.Sc.(Tech) in Chemistry, Environmental Science/ Material Science/Polymer/Plastic Technology/ Nano Chemistry. Mathematics (MA) M.Sc. in Mathematics/Statistics/ Computer Science. MCA/ M.Sc./M.Tech in Computer Science/ Computer Application (CA)	11	Architecture	Bachelor's Degree in Architecture/Planning or equivalent and/or Master's degree in Architecture/
13 Chemistry (CH) M.Sc./M.Sc.(Tech) in Chemistry, Environmental Science/ Material Science/Polymer/Plastic Technology/ Nano Chemistry. M.Sc. in Mathematics/Statistics/ Computer Science. MCA/ M.Sc./M.Tech in Computer Science/ Computer Application (CA)	12	Physics (PH)	
15 Computer Application (CA) MCA/ M.Sc./M.Tech in Computer Science/ Computer Application /Information Technology	13	Chemistry (CH)	M.Sc./M.Sc.(Tech) in Chemistry, Environmental Science/ Material Science/Polymer/Plastic Technology/ Nano
Computer Application (CA) Computer Application /Information Technology	14	Mathematics (MA)	M.Sc. in Mathematics/Statistics/ Computer Science.
	15	Computer Application (CA)	
	16	Humanities (English) (ENG)	

Ph.D (Engineering):

The eligibility criteria for admission to Ph.D Programme in Engineering is one of the following:

- (i) M.Tech/M.E/M.Sc.(Engg) in relevant discipline with at least 60% marks in aggregate (or equivalent CGPA) at B.Tech/M.Tech level from an Institute/University recognized by AICTE/UGC/Central Government.
- (ii) B.Tech/B.E/B.Sc (Engg.) in relevant discipline with at least 65% marks (or equivalent CGPA) at B.Tech level from an Institute/University recognized by AICTE/UGC/Central Government.
- (iii) Faculty members employed permanent positions of VSSUT, Burla having M.Tech in relevant discipline from an Institute/University recognized by AICTE/UGC/Central Government.
- (iv) Non-Teaching staff members employed on permanent positions of VSSUT, Burla for a period of at least 08 years out of which 03 years in existing post and having M.Tech in relevant discipline with at least 60% marks in aggregate (or equivalent CGPA) at B.Tech /M.Tech level from an Institute/ University recognized by AICTE/UGC/Central Government.

Ph. D (Architecture):

The eligibility criteria for admission to Ph.D Programme in Architecture is one of the following:

- (i) Bachelor's Degree in Architecture / Planning or equivalent and Master's degree in Architecture / Planning / allied specialization or equivalent from an Institution / University recognized by Council of Architecture / AICTE / UGC / Central Government with at least 60% marks in aggregate (or equivalent CGPA) at Bachelors & Masters level.
- (ii) Bachelor's Degree in Architecture / Planning or equivalent in first class from an Institution/University recognized by Council of Architecture/AICTE/UGC/Central Government with a minimum of 65% aggregate marks.
- (iii) Faculty members employed in permanent positions of VSSUT, Burla having Bachelor's Degree in Architecture / Planning or equivalent and Master's degree in Architecture / Planning / allied specialization or equivalent from an Institution / University recognized by Council of Architecture / AICTE / UGC / Central Government.
- (iv) Non-Teaching staff members employed on permanent positions of VSSUT, Burla for a period of at least 08 years out of which 03 years in existing post and having Bachelor's Degree in Architecture / Planning or equivalent and Master's degree in Architecture / Planning / allied specialization or equivalent in relevant discipline with at least 60% marks in aggregate (or equivalent CGPA) at Bachelor's and Master's level from an Institute / University recognized Council of Architecture / AICTE / UGC / Central Government.

Ph.D (Science):

- The eligibility criteria for admission to Ph.D Programme in Science is one of the following:
- (i) M.Phil /M.Tech. /M.S/ M.Sc. in relevant discipline with at least 60% marks in aggregate (or equivalent CGPA) from an Institute or University recognized by AICTE/UGC/Central Government.
- (ii) MCA with at least 65% marks in aggregate (or equivalent CGPA) at MCA level from an Institute or University recognized by AICTE/UGC/Central Government..
- (iii) M.Tech with MCA in relevant discipline with at least 60% marks (or equivalent CGPA) at M.Tech/MCA level from an Institute or University recognized by AICTE/UGC/Central Government.
- (iv) Faculty members employed on permanent positions of VSSUT, Burla having M.Phil/M.Sc./MCA in relevant discipline from an Institute or University recognized by AICTE/UGC/Central Government..
- (v) Non-Teaching Staff members, employed on permanent positions for a period of at least 08 years out of which 03 years in the existing post and having M.Sc with 60% marks in aggregate (or equivalent CGPA) at M.Sc level from an Institute or University recognized by AICTE/UGC/Central Government.
- (vii) Non Teaching Staff Members, employed on permanent positions for a period of at least 08 years out of which 03 years in the existing post and having M.Tech with 60% marks in aggregate (or equivalent CGPA) at MCA/ M.Tech level or with 65% marks in aggregate (or equivalent CGPA) at MCA level from an Institute or University required by AICTE/UGC/Central Government.

Ph.D (English):

The eligibility criteria for admission to Ph.D Programme in Humanities and Social Science is one of the following:

- (i) M.Phil/MA in English with at least 60% marks in aggregate (or equivalent CGPA) from an Institute or University recognized by AICTE/UGC/Central Government.
- (ii) Faculty members employed on permanent positions of VSSUT. Burla having M.Phil/MA in English from an Institute or University recognized by AICTE/UGC/Central Government.
- (iii) Non-Teaching Staff members, employed on permanent positions for a period of at least 08 years out of which 03 years in the existing post and having M.Phil/MA in English with at least 60% marks in aggregate (or equivalent CGPA) at MA level from an Institute or University recognized by AICTE/UGC/Central Government.

The equivalent CGPA shall be computed as per the VSSUT Regulations without considering the conversion formula of the respective Institute/University.

SELECTION CRITERIA:

- 1. All categories of candidates need to undergo the process of selection through the Selection Committee on the basis of overall academic career and Viva-voce after screening from the written test. There shall be an entrance test to screen the eligible candidates to appear Viva-voce test for Ph.D admission. The screening shall be done at a ratio of 3:1 from the entrance test with respect to the requirement of Ph.D of the Department for this Semester. The merit list shall be prepared by combining weightage of academic career and viva-voce at the ratio of 60:40. The weightage of the viva-voce includes, clarity of the research proposal, publication in journals of previous works, if any, and viva-voce performance, at the ratio of 10:10:20.
- 2. The candidates who have qualified GATE/NET/Inspired fellowship (DST)/Teacher fellowship (UGC) and other fellowships from Govt. Agencies are exempted from the Written Test of Ph.D admission. They are required to appear only Viva-voce before selection committee to assess their research aptitude, ability to work in a team, previous work if any, subject interest and availability of supervisors and facilities in the Department before final selection. However, the merit list shall be prepared as per paragraph-1 of selection criteria.
- **3.** The Selection for the candidates in all categories shall have the following two components for the candidates as follows:

A. Career Marks : 60 Marks
B. Viva-voce : 40 Marks
Total(A) + (B) : 100 Marks

Distribution of Career Marks(60)

Ph.D (Engineering): Total - 60 marks

 H.S.C/equivalent
 : 10 Marks

 1st Class
 : 10 Marks

 2nd Class
 : 06 Marks

 3rd Class
 : 04 Marks

(ii) +2 Sc/Diploma/equivalent :10 Marks

1st Class :10 Marks

2nd Class :06 Marks

3rd Class :04 Marks

 (iii)
 B.Tech/B.E/equivalent
 : 20 Marks

 80% and above
 : 20 Marks

 75% and less than 80%
 : 18 Marks

 70% and less than 75%
 : 16 Marks

 65% and less than 70%
 : 14 Marks

 Less than 65%
 : 12 Marks

Ph.D (Science/Humanities)

 H.S.C/equivalent
 : 10 Marks

 1st Class
 : 10 Marks

 2nd Class
 : 06 Marks

 3rd Class
 : 04 Marks

 $\begin{array}{lll} \textbf{+2 Sc./equivalent} & : 10 \text{ Marks} \\ 1^{\text{st}} \text{ Class} & : 10 \text{ Marks} \\ 2^{\text{nd}} \text{ Class} & : 06 \text{ Marks} \\ 3^{\text{rd}} \text{ Class} & : 04 \text{ Marks} \\ \end{array}$

(ii) +3 Sc./B.Sc./+3 Arts/ equivalent: 15 Marks

 $\begin{array}{lll} 1^{\text{st}} & \text{Class} & : 13 \text{ Marks} \\ 2^{\text{nd}} & \text{Class} & : 10 \text{ Marks} \\ \text{Pass} & : 07 \text{ Marks} \\ \text{Distinction} & : 02 \text{ Mark} \end{array}$

(iii) MA/M.Sc./MCA/equivalent : 20 Marks
Above 70% : 20 Marks
Above 65% and less than 70% : 16 Marks
Less than 65% : 12 Marks

(iv) M.Phil/M.S(Research)/M.Tech/equivalent: 05 Marks

Distribution of Viva-voce Marks(40)

Written research proposal: 10 marks

Previous works/Research publication in referred journals: 10 marks

Interview performance: 20 marks

- **4.** The candidates in the categories 2 and 4 are exempted from the Written Test. However, they need to undergo the process of selection through career and an interview. They may be selected by considering the research aptitude, previous work, ability to work in a team, subject interest, availability of supervisors, facilities in the Department and research focus.
- **5.** Non-Teaching staff of the University seeking permission to join the Ph.D Programme under following terms and conditions:
 - i) A member of non-teaching staff seeking permission to join the research programme must hold a permanent post in the University for a period of at least 08 year's service in the UCE/VSSUT and 03 years in the existing post.
 - ii) The employee must be engaged in research as a part of his normal duty so that his work output can qualify for the degree of Ph.D. Study towards Ph.D cannot be done on a part time basis outside the working hours of the University.
 - iii) The application for administrative permission to join a Ph.D programme by a member of Non-Teaching staff must be submitted to the Vice-Chancellor through the Head of the Department/Centre or Section in-charge, as the case may be where the candidate is employed. While submitting the application he/she must give an undertaking to the effect that he/she will abide by all rules and regulations.

- iv) Administrative permission by the Vice-Chancellor for prosecuting Ph.D Programme does not constitute academic approval for admission.
- v) The applications will be examined by the Departmental Academic Committee of the department where the candidate wants to be enrolled. The committee will interview the candidate to ascertain his suitability for the programme.
- vi) Every application for admission under this category shall be examined by Departmental Academic Committee (DAC) taking into account whether the proposal for joining the programme for which permission is sought for arises out of genuine interest and ability, and whether the normal job assignment of the applicant sufficiently overlaps with the proposed research programme. The final approval shall be given by the Vice-Chancellor on behalf the Academic Council considering all aspects and merits of the case.
- vii) The members of the non-teaching staff applying for Ph.D Programme must satisfy the minimum qualification requirement as mentioned in eligibility criteria and should undergo the process of selection through academic career, written test and interview.

STUDENT CATEGORY:

- 1. The various categories of candidates (with or without financial support) mentioned below are eligible for apply for admission to Ph.D Programme provided they satisfy the eligibility criteria and qualification requirements as given in Section 2.1/2.2/2.3
 - (i) Category 1: Full time students with University Fellowship/Assistantship (Not available this time)
 - (ii) Category 2: Full time students with External Fellowship (UGC/CSIR etc.)
 - (iii) Category 3: Full time students without Fellowship (Self financed/Self supported)
 - (iv) Category 4: VSSUT faculty members
 - (v) Category 5: VSSUT regular employees (Non-Teaching)
 - (vi) Category 6: Project Scholars (JRF/SRF/RA etc.) or Project Staff members.
 - (vii) Category 7: QIP Scholars
 - (viii) Category 8: Sponsored students (Institute/ Research/ Organization/ Industry)
 - (ix) Category 9: Sponsored students from Burla and Vicinity.

The Ph.D students under categories 1, 2, 6 & 7 have to take 10 hours of teaching load per week and assist in research and consultancy work.

- 2. Unlike other academic programmes, mere possession of required degrees and a superior academic record do not guarantee admission of a student to the Ph.D Programme. Apart from academic record, the Departmental Academic Committee (DAC) will take into consideration the research aptitude, ability to work in a team, subject interest, availability of supervisors, facilities in the department and the research focus while selecting candidates to the Ph.D Programme. The composition of Departmental Academic Committee (DAC) is given in Appendix-III.
- 3. Research students (JRF, SRF, RA) of Government R&D Laboratories (DST, DAE, ISRO, DBT, CSIR, DOS, DRDO and similar research organizations) who are not entitled to award their own degrees engaged in full time research can be enrolled under category 2. They will need to spend at least one semester in VSSUT, Burla, while availing the fellowship from the parent organization.

- 4. Candidates employed as SRFs/JRFs/RAs or as full time Research Engineers/Officers in sponsored projects of the VSSUT, Burla may be admitted to the Ph.D Programme under category 6 as project scholars. They need to obtain permission of the Principal Investigator and Dean, SRIC & CE for admission. The Project should have tenure of at least 18 months beyond the date of admission of the candidate to the Ph.D programme. They also have to satisfy the minimum educational requirement and will undergo selection procedure like students of other categories. On termination of project, their status will be full time students without scholarship, unless offered another type of scholarship/fellowship/assistantship.
- 5. Candidates seeking admission to Ph.D Programme under category 7 as QIP scholars will be selected through QIP (Quality Improvement Programme) of Government of India. However, they have to satisfy the minimum educational qualification like the candidates under other categories.
- 6. The University may admit persons who are employed in other organizations (Institute/research organizations/Industries) to Ph.D Programme of any discipline under category 8 as sponsored students. Such candidates should have the following:
 - (i) These candidates must have eligibility criteria as specified above
 - (ii) These candidates must have a total of minimum 2 years full time experience in the sponsoring organization. The candidate must produce the evidence of their work experience alongwith the application form
 - (iii) Intending sponsored candidates must submit their applications in the prescribed form through their employers with suitable endorsement.
 - (iv) Intending sponsored candidates will undergo selection procedure like other students.
 - (v) The sponsored candidates are normally required to stay in the University till completion of assigned work and submission of the thesis. However, in special case, their residential requirement can be reduced to at least six months in order to complete all the course works assigned to them.
 - (vi) The selected sponsored students must submit the relieve order from their parent organization at the time of admission in order to fulfill minimum residential requirement.
- Candidates employed in Institute/Research Organizations/ Government or public or private organizations/industries located at Burla and vicinity (within 15 KM) may be admitted to Ph.D Programme under category 9 as sponsored students from Burla and vicinity. They need to fulfill all requirements of sponsored students (Category 8) except Para-vi. They have to submit a permission letter from their parent organization in place of relieve order at the time of admission to do the course work, appear examinations and other related activities as per the academic requirement of University. The candidate is required to give an undertaking in a non-judiciary stamp paper to complete all the academic requirements, which will be assigned to him/her by DSC.

RESERVATION

Candidates belonging to SC/ST category/ physically challenged/disabled candidates as per UGC guidelines/Government Rules.

SUPERVISOR (For PhD Registration):

- i) All candidates for Ph.D degree are required to carry out their research work under the guidance of one/two supervisors. However, in case of inter- disciplinary research (within the same department or across two departments) a second supervisor may be appointed.
- ii) When there are two supervisors, one of them will be called the Principal Supervisor. Ordinarily the Principal Supervisor will be a faculty member of the registering department. However, in deserving cases the DAC may recommend a faculty member of another department of the VSSUT as Co-Supervisor considering the interdisciplinary research interest of the student.
- Principal Supervisors shall be regular faculty member of this University with Ph.D degree and Co-Supervisor shall be chosen from the faculty members of this University with Ph.D degree or other recognize Government Institutions/Universities/ R & D Organizations/Industries with the approval of the Vice-Chancellor.
- iv) A Professor having 05 publications and Associate/Assistant Professor having 02 publication in referred journals with Ph.D degree may be eligible to be a Supervisor/Co-Supervisor.
- v) Research Supervisor or Co-Supervisor who is a Professor can guide maximum of 8 No. of Ph.D scholar at any point of time. Similarly, an Associate Professor and Assistant Professor can guide maximum of 06 Nos. and 04 Nos. of Ph.D scholars respectively at any point of time.
- vi) Regular faculty members of the VSSUT with 05 years' experience along with adequate research publication as Principal/main author and permanent teacher of VSSUT enrolling in Ph.D programme may be self-guided. Such cases should be examined by RPEC and put up to the Academic Council for approval
- vii) The allocation of the Supervisor(s) for a selected student shall be decided by the Departmental Academic Committee in a formal manner depending on the number of students per faculty member, available specialization among the faculty supervisors, and the research interest of the student as indicated in the research proposal submitted by the students.
- viii) The option form, indicating name of the candidate, area of interest and choice of specialization (not name of the supervisor) may be exercised before the selection. The allotment/allocation of Supervisor shall not be left to the individual student/teacher.

GENERAL INSTRUCTIONS

- 1. Candidates will not be admitted into the Examination Hall after the commencement of examination and not allowed to leave the Hall until the end of the examination.
- 2. The Hall Ticket shall be produced duplicate of self-filled up Hall ticket at the time of examination, failing which the candidate will not be allowed to appear for the examination.
- 3. No traveling expenses will be paid for journey undertaken for appearing for the Entrance Examination.
- 4. Adoption of any kind of unfair means at the time of examination or taking part in any act of impersonation will render the applicant liable for cancellation of his/her script and forfeiture of his/her claim for appearing for the examination. Decision of the Convener, Admission shall be final in all these matters.

- 5. Production of Hall Ticket and appearance at the Entrance Examination does not automatically entitle a candidate for admission.
- 6. Mathematical Tables, Calculators, Pagers, Mobile Phones and any other electronic gadgets are not allowed in the Examination Hall.
- 7. Candidates applying for more than one department are required to submit photo copies of application form and certificates for each department applied for.
- 8. VSSUT regular employees must enclose administrative permission from the University.
- 9. Project staff and fellows must enclose administrative permission from Dean, (SRIC/CE); the project must have tenure of at least 18 months beyond the expected date of joining in the Ph.D.
- 10. Paste here your recent passport size colour Photographs in application forms and hall tickets with signature & date.
- 11. In case of candidates belonging to categories 8, Part-II of the application form filled up by the sponsoring authority must be attached.
- 12. In case of candidates belonging to category 9, Part-III of the application form filled up by the sponsoring authority must be attached.
- 13. The candidate is also required to give an undertaking in a non-judicial stamp paper to complete all the academic requirements of the University related to the Ph.D Programme while working at his/her parent organization at the time of admission.

By order of Vice-Chancellor

Sd/-

Dean (PGS&R)

Date: 18/11/2017

Memo No.VSSUT/PGSR/ **710(04)** /2017 Copy to:

- 1. University Notice Board.
- 2. All Deans/HODs/COF for information & necessary action.
- 3. Dean, Faculty and Planning with a request to display the information in University website.
- 4. P.A to VC for kind information of Hon'ble Vice-Chancellor.

Sd/-Dean, PGS&R

10

Last Date for Receipt of Applications:



VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA, SAMBALPUR – 768018, ODISHA, INDIA

APPLICATION FOR ADMISSION INTO Ph.D PROGRAMME SPRING 2018

For office use only

					Section Offi	, ,
			emic Committee			
	The candidate m	ay be called for W	ritten Test/Intervie	ew.		
	The candidate is	not suitable for ac	lmission to Ph.D. pr	rogramme of	the Department (Give reason).
	Does no	t satisfy short listir	ng criteria.			
	Others ((specify)				
					Head of the De	<u>epartment</u>
etails of De	emand Draft for	Research Progra	mme is Rs.500/200)/- in favour	of VSSIIT. Rurls	navable at Rurla
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GATE/NE	T/Other		GATE	NET	Other DST, UGC,	None
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GATE/NE Please put [T/Other		GATE	NET	DST, UGC,	None
GATE/NE Please put [$(T/Other)$ $\sqrt{\ }$ mark in the a	appropriate box)		NET	DST, UGC, etc.	None
GATE/NE Please put [Inclose quali	T/Other √] mark in the a ified Certificate	ine			DST, UGC, etc.	None
SATE/NE Please put [nclose quali	T/Other √] mark in the a diffied Certificate Discipli	ine			DST, UGC, etc.	None
SATE/NE Please put [nclose quali	T/Other √] mark in the a ified Certificate Discipling/Science/Hu	ine imanities	Name of	the Depa	DST, UGC, etc.	None
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	Male	Female	Gende	er	Date	Month	Ye	ar		Gene	eral	SC	!	ST	
5.	Details	of Academ	ic Qualif	 fication	ns: Starti	ng from H.	S.C (p	oleas	e en	close t	rue c	opies of	f the c	certificates))
	Exa	mination		Subje	/ · I	ollege/Scho			iver Boa	rsity/		ar of pa			
Н	SC					nore staar			30 0	· u	***	iui Div	151011	1 01001	mage
+2	Scienc	e/Diploma	ı												
		.Sc./equiva	alent												
		I.Sc./mca													
M	.Phil/M	S/Equivale	ent												
6.	(Pa	articulars o	of emplo	oymen	t (s) fro	ch Program m date of j ovided. En	passir						Exam	ination til	1
		of Employe anization	er/	Desig	nation	Duration From	of E	mpl	oyn To		Sa	lary	Na	ture of du	ties
7.	(a)		research	propo	osal of a	posal approximat eprints of p	•			•					
8.	De	eclaration	by the	Cand	idate:										
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	Da	nte:													
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		 (To b				ERTIFICA Organisation of							 lidate)		
	Mr	·/Ms				wil	l be pe	ermit	ted t	o pursu	e the	propose	ed Res	earch work	for th
	.D Degre	e of VSSUT	, Burla by	y makir	ng use of	the available	e facili	ties i	n ou	r organ	isatio	n mentio	oned a	t Column -1	12. Th

Note: Fee once paid will not be refunded

Date:

Place:

SIGNATURE & DESIGNATION

WITH SEAL OF OFFICE

PART - II (Category-8)

For Sponsored candidates only (To be filled up by the employer sponsoring the candidate)

1.	Nam	e of the Employer	:			
2.		e, Designation and Address dministrative Officer/HR ager	:			
					Fax:	
3.		e of the employee seeking ission at VSSUT	:			
4.	Desi	gnation (Regular)	:			
5.	a)	First joined on (date)	:			
	b)	Holding the present position since (date)	:			
	c) d)	Nature of Job Brief description of job Assignment for the next three years (Relevant assignment only)	:		roduction, Marketing, Administrative, Other)	_ _ _
<u>.</u>		h.D. Programme Full time study at VSSUT with			nization	<u> </u>
		(3 years for Ph.D.) Study at VSSUT while worl requirement of 6 months.	king at	our organization	n after satisfying the minimum resider	ntial
Ce	ertifie	ed that Mr./Ms			employe	d as
— Pr	ograi	mme of VSSUT. Odisha. Burla.		_	is sponsored for admission to the P	
	•	,		3	UT, he/she will be on deputation from	
		,	•		to satisfy the residential requirement.	
cc	mple	etion of the programme he/she	will cont	tinue to be emplo	yed by our organization.	
Da	ate			Signatu	re of the Competent Authority with seal	

PART - III (Category-9)

For Sponsored candidates only (To be filled up by the employer sponsoring the candidate)

1. Na	ime of the Employer	:	
of	nme, Designation and Address Administrative Officer/HR anager	:	Phone: Fax: Email:
	me of the employee seeking mission at VSSUT	:	
4. De	esignation (Regular)	:	
5. a)	First joined on (date)	:	
b)	Holding the present position since (date)	:	
c)	Nature of Job	:	
d)	Brief description of job Assign for the next Three years (Relevant assignment only)	ment :	(R & D, Design, Production, Marketing, Administrative, Other)
	easons for sponsoring the candida Ph.D. Programme	te:	
	Full time study at VSSUT with (03 years for Ph.D.)	deputati	ion from the organization
	Study at VSSUT while working Of the University related to the		rganization after satisfying the academic requirement Programme.
Certi			permitted for admission to Ph.D Programme of VSSUT, Odisha,
selec cours	. This organization recognizes his	s/her edu mission le and othe	experimitted for admission to Ph.D Programme of VSSOT, Odisha, ucation and consequent at least two years in regular position. If etter from this organization at the time of admission to do the er related activities as per the academic requirement of the
ı	Date		Signature of the Competent Authority with sea

HALL TICKET ORIGINAL



VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA ENTRANCE TEST FOR ADMISSION TO Ph.D PROGRAMME SPRING - 2018

(To be filled by the candidate)

Programn	ne	Name of the Department	
Ph.D (Engg) / S	Science/		
Humaniti	es		
Hall Ticket No.	Centre of I	Examination: VSSUT, Burla	
	DATE OF E	EXAMINATIONTIME:	
	-		Affix recent
Name of the candid	ate		Passport size colour
			photograph duly
Identification Mark	s: (1)		self attested
Signature of the car	ndidate		ENOR, ADMISSIONS VSSUT, BURLA
HALL TICKET			DUPLICATE
		WI THOMAS MANAGEM	
		THE MANAGE AND	
		RA SAI UNIVERSITY OF TECHNOLOGY, I	
		OR ADMISSION TO Ph.D PROGRAMME SPR	
	NCE TEST F		ING - 2018
ENTRA	nce TEST Fo	OR ADMISSION TO Ph.D PROGRAMME SPR (To be filled by the candidate)	ING - 2018
ENTRA Disciplin	ne Science	OR ADMISSION TO Ph.D PROGRAMME SPR (To be filled by the candidate)	ING - 2018
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Discipling Ph.D (Engg) / Hall Ticket No.	ne Science Centre of I	OR ADMISSION TO Ph.D PROGRAMME SPR (To be filled by the candidate) Name of the Department Examination: VSSUT, Burla EXAMINATIONTIME:	t
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Discipling Ph.D (Engg) / Hall Ticket No. Name of the candid Father's/Husband's	ne Science Centre of I DATE OF E ate Name_ s: (1)	OR ADMISSION TO Ph.D PROGRAMME SPR (To be filled by the candidate) Name of the Department Examination: VSSUT, Burla EXAMINATIONTIME:	Affix recent Passport size colour photograph duly

Signature of the candidate