CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI (C.G.)
Newai, P.O. Newai, Bhilai, Distt. Durg(Chhattisgarh) – 491107
Ph. No.:0788 – 2200062, Website: www.csvtu.ac.in, E-registrar@csvtu.ac.in

Ref. No. CSVTU./Advt/2026/R-02 Date: 13/11/2026

ADVERTISEMENT FOR RECRUITMENT OF VACANT FACULTY POSITION

Online Applications are invited from the prospective & eligible candidates for the post of **Assistant Professor** in University Teaching Department Chhattisgarh Swami Vivekanand Technical University, Bhilai in the **Department of Computer Science & Engineering on regular basis against the vacant positions vide ref. No. CSVTU./Advt/2023/129 dated 06/06/2023.**

CATEGORY WISE DISTRIBUTION OF POSTS & PAY SCALE

- Assistant Professor: Level – 10, Entry Pay ₹57700/-

Department	Post	Category wise No. of Vacancies				Total
		UR	SC	ST	OBC	
Computer Science & Engineering	Assistant Professor	-	-	2	1	**3**

Application process: Application forms can be submitted online through University website under **www.csvtu.ac.in** User manual for application form submission is available in University website.

- **Timelines:**
  (a) Online application facility will be available from 18/11/2026, 11.00 a.m. to 19/12/2026, 05:30 p.m.
  (b) Printout/Hard copy of application forms with self-attested copies of all documents in support of application (academic/research performance/academic credentials/accomplishments/ other relevant annexures) must reach to University through registered /speed post only on or before 04/01/2027, 05:30 p.m.

- **Online Application Fee:** Nonrefundable fee of 2500/- (₹.1500/- for SC/ST candidates of CG Domicile) is to be paid during online form submission, for processing of application.
- **Written test/ Interviews for shortlisted candidates**: The schedule of written test/ Interview will be notified in the University website. The list of candidates shortlisted for personal interview will also be published in University website. The syllabus for the written test is enclosed with this advertisement for reference. No individual communication will be done to the candidates. No request for postponement of the date of written test/interview would be entertained. Mere eligibility will not entitle any candidate for being shortlisted. The University will shortlist the applicants on the basis of his/her performance in the written test. Amongst the applicants who qualifies in the written test, **shortlisting of the applicants for interview will be on the basis of specified ratio against the advertised post, to be decided by the University**.

Details of Minimum Eligibility & Other information

Cadre	Discipline/ Programme	Minimum qualification, experience, research contributions
Assistant Professor	**Engineering & Technology**	B.E./B.Tech./B.S. and M.E./M.Tech./M.S. or Integrated M.Tech. in relevant branch with First Class or equivalent in any one of the Degrees.

Note: Minimum Eligibility Criteria fulfilment subject to verification of above Qualification/ Experience/Research Contributions documents.

- **Eligibility of Direct Ph.D. after B.E./ B.Tech.**

The qualification of Ph.D acquired for the various level of posts directly after B.E/ B.Tech. is applicable, provided the Ph. D degree awarded is in relevant discipline by a recognized University following the process of registration, course work and evaluation etc. as prescribed by UGC or has been awarded by the Institutes of national importance (i.e. IITs/IISc/ NITs etc.), duly recognized by the MHRD. Further, candidate should have obtained at least first class at Bachelor's level in Engineering /Technology.

- **Class / Division**

If a class / division is not awarded, minimum of 60% marks in aggregate shall be considered equivalent to first class / division. If a Grade Point System is adopted the CGPA will be converted into equivalent marks as below.

Grade Point	Equivalent Percentage
6.25	55%
6.75	60 %
7.25	65 %
7.75	70 %
8.25	75 %

(Reference from All India Council for Technical Education, Notification, New Delhi dated 1st March, 2019, clause 7.3)

- **Research Publications**

For the purpose of recruitment, preference may be given to short listed candidates who have published research papers in SCI journals OR UGC approved Journals OR AICTE approved list of journals OR jointly approved by AICTE with respective councils / institute such as Council of Architecture / Institute of Town Planners, India.

- **Nomenclature of relevant degrees:**

The qualifications for various faculty posts specify that the degree shall be in the appropriate /relevant branch of specialization. Many IITs, NITs, Central Universities start interdisciplinary programs of new nomenclatures. In view of the increasing importance of interdisciplinary nature of engineering, the inter-disciplinary courses for both UG and PG specializations may be considered. The selection committee may take a final decision in this regard depending on the requirement of the program of study and institution. AICTE has already clarified this issue vide Government of India Gazette F. No. 27/RIFD/Pay/01/2017-18 dated 28.04.2017. If any specialization is not available in the AICTE basket, the Board / University shall decide the equivalence based on the curriculum of the program.

➢ **Age Limit:** The age limit of the applicants will be calculated as on date of **01/01/2026** from the date of birth. Age limit for the posts is given below.

Name of Post	Minimum Age Limit	Maximum Age Limit
Assistant Professor	21 Years	40 Years

Note: There will be age relaxation of five years for the candidates possessing PhD degree applying for the post of Assistant Professor as per Ordinance of the University

Relaxation in maximum age limit for the domiciled candidate of Chhattisgarh State will be applicable as per the directives issued by Government of Chhattisgarh on time to time basis. However, no relaxation beyond 45 years of age will be considered as per the directive issued by the Government of Chhattisgarh.

➢ **Reservation:** Reservation will be provided to the domiciled candidates of Chhattisgarh as per the norms of Government of Chhattisgarh. The applicants belonging to reserved category should produce the caste certificate issued by the competent authority of Government of Chhattisgarh. For OBC (**Non Creamy Layer**) category, the candidates must submit valid income certificate issued by competent authority.

➢ **Selection Procedure:**

1. Selection will be based on the performance of written test, academic record assessment and interview as decided by the University.
2. University may shortlist the application forms for interview on the basis of written test. The schedule of Interview will be notified on University website along with the list of short listed candidates invited for personal interview
3. The candidates invited for interview, must comply with the instructions given in the Interview call letter for appearance and must bring his/her original certificates in respect of academic/ research performance/ academic credentials/accomplishments /NOCs from appointee if applicable/ date of birth/ relevant experience/ Aadhar card/PAN card and other relevant annexures. Candidates coming without original certificates will not be permitted for appearing in the interview.

➢ **General Terms & Conditions:**

1. Application forms submitted online through CSVTU website only, will be accepted. The application will not be considered, if the candidate does not upload the appropriate documents clearly as given in Online application form. (Before uploading please make sure that the documents are clearly visible and are in appropriate format).
2. The University reserves the right not to fill up any of the vacancies advertised if the circumstances so warrant. Any consequential vacancies arising at the time of interview may also be filled up from the available candidates. The number of positions is thus open to change.
3. Incorrect information produced/submitted by the candidate, which may be detected at any stage even after the issue of appointment letter, the University reserves the right to modify/withdraw/cancel the appointment/commitment made to the candidate.
4. In case of any dispute/ambiguity that may occur in the process of selection, the decision of the University shall be final.
5. Candidates are advised to satisfy themselves before applying that they possess at least the minimum essential qualifications laid down in the advertisement. The entire onus of the content/authenticity of the information being uploaded in the form of application and its attachments shall exclusively

rest with the applicant in terms of eligibility for recruitment and for subsequent selection through due process.

6. The University shall, in no way, be responsible for any error/omission/commission/ suppression of relevant information by the applicant knowingly/ unknowingly / overtly/ covertly while filling up the application form and uploading the documents required therein.
7. The prescribed qualifications and experience will be minimum and the mere fact that a candidate possessing the same will not entitle him/her for being called for interview. Applicants having higher qualification and good academic records shall be given preference.
8. The University will have the right to restrict the number of candidates and shortlist most suitable candidates to be called for interview to a reasonable number, on the basis of qualifications, experience and good academic record or by any other condition that may deem fit.
9. The University will not be responsible for delay in submission and receipt of application forms of the candidates. The late submitted applications will not be considered and rejected in the further process of recruitment.
10. Applicants who are in employment must submit the **No Objection Certificate (NOC)** from the appointee at the time of interview.
11. The application submitted without required certificates will be rejected and no communication will be entertained to that effect.
12. Number of posts indicated are tentative and may increase or decrease as per the requirement of the University at the time of Interview / Appointment.
13. No TA/DA will be admissible to the candidates for appearing in the interview.
14. If any information submitted by the candidate in application form is found inconsistent or inaccurate, appropriate action shall be initiated against the candidate and such application will be rejected.
15. In case the applicant gets screened/selected/appointed on the basis of the credentials furnished by him/her which are on scrutiny, found to be incorrect/ inadmissible/forged/fabricated/falsified, his/her candidature shall be liable to be cancelled at any stage of the recruitment/at any time during the tenure of the service and appropriate legal action under applicable law shall be initiated against the applicant.
16. The University reserves the right to modify/withdraw/cancel any communication made to the applicant. In case of any dispute arising out of such a situation, the decision of the University shall be final and binding on the applicant.
17. Canvassing in any form and/or bringing in any influence political or otherwise will be treated as disqualification for the post.
18. No interim enquiries/correspondence/communication of any sort will be entertained on the matter.
19. The hard copy/printout of the application form with self-attested copies of all documents in support of application (academic/research performance/academic credentials/accomplishments/other relevant annexures) must be sent to University. Applications received, if incomplete in any respect and not accompanied by relevant certificates/documents/photograph/required fee will be rejected.
20. Eligibility of a candidate and satisfaction of any other shortlisting criteria will be considered as on the last date of the submission of Online application form.
21. The candidates selected through this advertisement will be in probation period of three years from the date of joining.
22. The University reserves the right to revise/reschedule/cancel/suspend the recruitment process without assigning any reason. The decision of the University shall be final and no appeals shall be entertained.
23. Any change or amendment in this advertisement shall be displayed on the University website only, therefore the aspiring candidates are advised to visit University website regularly and remain updated.
24. The terms & conditions of service of the candidates selected through this advertisement will be governed by rules/ordinance of CSVTU, Bhilai and Government of Chhattisgarh, enacted time to time.

25. The Chairman Selection Committee shall have the power to lay-down the procedure in respect of any matter not mentioned **ABOVE**.
26. With reference to the letter of General Administration Department Government of Chhattisgarh, क्र. एफ 13–1 /2023/आ.प्र./1–3, नवा रायपुर दिनॉक 03/05/2023. This recruitment will be subject to the final outcome of proceedings of Honorable Supreme Court New Delhi S.L.P(C) No.19668/2022.

Important Note: -

1. All the candidates should submit their Online applications on or before 19/12/2026, 05:30 p.m. and thereafter send the hard copy/printout of the same with self-attested copies of all documents in support of application (academic/ research performance/ academic credentials/ accomplishments / other relevant annexures) in an envelope which must reach University on or before 04/01/2027, 05:30 p.m., at the address mentioned below:

To,
The Registrar,
(Recruitment Cell)
Chhattisgarh Swami Vivekanand Technical University,
Newai, Bhilai, Distt-Durg (C.G.) 491107

2. "Application form for the post of .....in the department of ..... vide advertisement number .....dated....." must be written on the envelope.
3. ***Candidates are advised to visit the University website regularly for further information /update.***

13.11.26

(REGISTRAR)

SYLLABUS FOR WRITTEN TEST FOR THE POST OF ASSISTANT PROFESSOR (Department of Computer Science & Engineering)

General Information: -

1. Written test will be of objective type (Multiple Choice Questions).
2. 100 questions with four choices will be asked in the test.
3. Duration of test will be 02 hours.
4. 04 marks for each correct answer will be awarded to candidate.
5. There will be negative marking for wrong answer. 01 marks will be deducted for every wrong answer attempted.
6. Date, Time & Centre of Exam will be mentioned in Admit Card.

Computer Organization and Architecture

Machine instructions and addressing modes. ALU, data-path and control unit. Instruction pipelining, pipeline hazards. Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).

Programming and Data Structures

Programming in C. Recursion. Arrays, stacks, queues, linked lists, trees, binary search trees, binary heaps, graphs.

Algorithms

Searching, sorting, hashing. Asymptotic worst case time and space complexity. Algorithm design techniques: greedy, dynamic programming and divide-and-conquer. Graph traversals, minimum spanning trees, shortest paths

Theory of Computation

Regular expressions and finite automata. Context-free grammars and push-down automata. Regular and contex-free languages, pumping lemma. Turing machines and undecidability.

Compiler Design

Lexical analysis, parsing, syntax-directed translation. Runtime environments. Intermediate code generation. Local optimisation, Data flow analyses: constant propagation, liveness analysis, common subexpression elimination.

Operating System

System calls, processes, threads, inter-process communication, concurrency and synchronization. Deadlock. CPU and I/O scheduling. Memory management and virtual memory. File systems.

Databases

ER-model. Relational model: relational algebra, tuple calculus, SQL. Integrity constraints, normal forms. File organization, indexing (e.g., B and B+ trees). Transactions and concurrency control.

Computer Networks

Concept of layering: OSI and TCP/IP Protocol Stacks; Basics of packet, circuit and virtual circuit- switching; Data link layer: framing, error detection, Medium Access Control, Ethernet bridging; Routing protocols: shortest path, flooding, distance vector and link state routing; Fragmentation and IP addressing, IPv4, CIDR notation, Basics of IP support protocols (ARP, DHCP, ICMP), Network Address Translation (NAT); Transport layer: flow control and congestion control, UDP, TCP, sockets; Application layer protocols: DNS, SMTP, HTTP, FTP, Email.

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