સરદાર વલ્લભભાઇ રાષ્ટ્રીય પ્રૌધોગિકી સંસ્થાન, સુરત
સરદાર વલ્લભભાઈ રાષ્ટ્રીય પ્રૌધોગિકી સંસ્થાન, સૂરત
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
(An Institute of National Importance, Ministry of Education, Government of India)

SVNIT

No.: E/ Advt./Prof./213/II/1669/1989   **Date: 21.10.2024**

Corrigendum to the rolling Advertisement for Recruitment
to the post of Professor (Pay Level 14A)

Due to administrative exigencies, the Advertisement No. E/Advt./Prof./213/II/1669 dated 17 September 2024 inviting applications for the post of Professor (Pay level 14A) is modified and updated as under:

S. No.	Departments	Vacancies
1.	Department of Computer Science and Engineering	Professor Post 12 - 5(UR), 1(EWS), 3(OBC), 2(SC), 1(ST)
2.	Department of Artificial Intelligence	
3.	Department of Management Studies	
4.	Department of Chemical Engineering	
5.	Department of Electrical Engineering	
6.	Department of Electronics Engineering	
7.	Department of Mechanical Engineering	
8.	Department of Mathematics	
9.	Department of Mathematics & Humanities	
10.	Department of Physics	
11.	Department of Chemistry	
12.	Department of Civil Engineering	

All interested eligible candidates may apply as per above vacancies. The specializations of the concerned department have been updated & modified which is attached as **Annexure II (amended)** of the detailed advertisement. The candidates applied earlier need not to apply again. The date for determining the eligibility of candidates in every respect, i.e., qualification, experience, preferred age limit, etc., shall be considered the closing date of extended online application form. The last date for submission of online application is extended up to **29.11.2024 (5:00 P.M.)** and submission of hard copy to the office of the Registrar, Sardar Vallabhbhai National Institute of Technology (SVNIT), Ichchhanath, Dumas Road, Surat – 395 007, Gujarat, India is extended up to **9.12.2024 (5:00 P.M.).** For all updates please refer the Institute's Website.

Sd/-
Registrar

The minimum essential qualifications with relevant fields and desirable areas of specialization for new entrants in the departments which have vacancies for the post of <u>Professor</u>

Ref: 1. Advt. No.: E/ Advt./Prof./213/II/1669, Dated: 17th September 2024
    2. Corrigendum No.: E/ Advt./Prof./213/II/1669/1989, Dated: October 21, 2024

Sr. No.	Name of Department	Minimum Essential Qualifications with relevant fields	Specializations
1.	Computer Science and Engineering (CSE)	**B.E./ B. Tech.** or equivalent in Computer Science & Engineering / Computer Engineering/Information Technology/Computer Technology/ Information and Communications Technology/ Artificial Intelligence/ Data Science or any relevant discipline **M.E./M. Tech.** or equivalent in Computer Science & Engineering/ Computer Engineering/Information Technology/Computer Technology/Information and Communications Technology/ Artificial Intelligence/ Data Science or any relevant discipline. **Ph. D.** in relevant discipline.	• Large Language Model • Generative AI • High Performance Computing • Computer Vision • Cyber Physical System • IoT (Internet of Things) / IIoT • Machine Learning • Natural Language Processing • Social Networks Analysis • Data Science • Deep learning • Artificial Intelligence (Cognitive computing) • Robotics • Advance Computer Architecture • Quantum Computing • Cloud Computing • Image Processing • Internet of Things • Unmanned Aircraft System (Drone and Related Technology) • Soft Computing • Software Engineering • Digital/Interactive Media
2.	Artificial Intelligence (AI)		
3.	Department of Management Studies (MS)	**Bachelor Degree** in any discipline. MBA or equivalent Master Degree in Management/relevant specialization. **Ph.D.** in relevant discipline.	• Data analytics • Business Statistics & Computing • Operations Management • Organizational Management • Economics • Management Information System • Finance • Marketing
4.	Civil Engineering	**B.E./B.Tech.** or equivalent in Civil Engineering/planning or B. Plan **M.E./M.Tech.** or equivalent in Civil Engineering/Surveying/ Transportation Engineering/ Geotechnical Engineering/Earth Sciences / Water Resources Engineering/ Environmental Engineering/ Remote Sensing and GIS/Civil Engineering Materials/	• Construction Management • Urban Planning • Environmental Engineering • GIS and Remote Sensing

		Construction & Project Management or relevant discipline/ M.Plan/Master of Town & Regional Planning / Master of City Planning/ /M.Tech. (Planning) **Ph.D.** in relevant discipline	
5.	Chemical Engineering	**B.E. / B.Tech.** or equivalent in Chemical Engineering **M.E. / M.Tech.** or equivalent in Chemical Engineering/ Allied Branches **Ph.D.** in relevant discipline	• Process Control • Chemical Product Design • Modeling and Simulation • Smart Materials
6.	Electrical Engineering	**B.E./B. Tech.** or equivalent in Electrical Engineering /Electrical and Electronics Engineering/ Instrumentation and Control Engineering/Power Systems Engineering/Electrical Power Engineering/Electrical and Instrumentation Engineering/Power Electronics/Electrical Engineering and Industrial Control/Power Electronics and Instrumentation Engineering/ Applied Electronics and Instrumentation **M.E./M. Tech.** or equivalent in Electrical Engineering/ Power System/ Power Electronics and Drives/ Control Systems/ Electric Drives and Control/ Instrumentation and Control/ Machines and Electrical Drives/ Energy Systems/ Signal Processing and Control/Microprocessor System Applications/Computer Controlled Industrial Power/Systems Engineering/Control and Automation or relevant discipline **Ph.D.** in relevant discipline	• Power system • Control and Automation • Renewable Energy Systems • Embedded Systems
7.	Electronics Engineering	**B.E./B.Tech**. or equivalent in Electronics & Communication Engineering/ Electronics/ Communication/ Telecommunication Engineering/ Electrical Engineering/Computer Science & Engineering **M.E./M. Tech.** or equivalent in Electronics & Communication Engineering/ Electronics/ Communication/ Telecommunication	• VLSI Design (RF IC Design, Verification & Testing, SOC Design) Experience in Designing Integrated Circuits. • Embedded System (Real Time Operating System, Device Driver Programming, Secure Hardware Design, RISC V Processor Design) • AI/ML • Wireless Communication (Computer Network, 5G/6G)

		Engineering/ Electrical Engineering/Computer Science & Engineering. or other relevant discipline **Ph.D.** in relevant discipline	
8.	Mechanical Engineering	**B.E./B.Tech.** or equivalent in Mechanical Engineering/ Production Engineering/ Mechanical & Production Engineering/ Design Engineering/ Industrial Engineering/Thermal Engineering/Production & Industrial Engineering/Mechanical & Automation Engineering/ Manufacturing Processes and Automation Engineering/ Manufacturing Engineering **M.E./M. Tech.** or equivalent in Mechanical Engineering /Design/Industrial/Production/ Thermal or any other relevant specialization **Ph.D.** in relevant discipline	• Design and Dynamics • CAD/CAM • Robotics • Mechatronics
9.	Mathematics	**B.Sc./ B.S.** in Mathematics / Mathematics and Computing or **B. Tech.** in Mathematics and Computing. **M.Sc./ M.S./ M.Tech.** in Mathematics /Mathematics and Computing / Computational Mathematics or relevant discipline. OR Five Years Integrated / Dual Degree Programme in Mathematics / Mathematics and Computing /Computational Mathematics or relevant discipline **Ph.D.** in relevant discipline.	• Design and Analysis of algorithms • Machine Learning, Deep Learning • Parallel Computing • Data Management
10.	Physics	**Bachelor Degree** in Physics/Engineering Physics or equivalent **Master Degree** in Physics/Engineering Physics or equivalent **Ph.D.** in relevant discipline.	• Quantum Computing • Optics and Photonics • Electronics/Semiconductor Physics • Gravitation and Cosmology
11.	Chemistry	**Bachelor degree** in Industrial Chemistry/Analytical Chemistry/Physical Chemistry/Applied Chemistry/Chemical Engg. or	• Industrial Chemistry • Analytical Chemistry • Physical Chemistry • Applied Chemistry/Chemical

		equivalent	Engineering
		Master degree in Industrial Chemistry/Analytical Chemistry/Physical Chemistry/Applied Chemistry/Chemical Engg. or equivalent **Ph.D**. in relevant discipline.	
12.	Mathematics & Humanities	**Mathematics** **B.Sc./ B.S.** in Mathematics / Mathematics and Computing or **B. Tech.** in Mathematics and Computing. **M.Sc./ M.S./ M.Tech.** in Mathematics /Mathematics and Computing / Computational Mathematics or relevant discipline. OR Five Years Integrated / Dual Degree Programme in Mathematics / Mathematics and Computing /Computational Mathematics or relevant discipline **Ph.D.** in relevant discipline.	• Design and Analysis of algorithms • Machine Learning, Deep Learning • Parallel Computing • Data Management
		Management **Bachelor Degree** in any discipline. MBA or equivalent Master Degree in Management/relevant specialization. **Ph.D.** in relevant discipline.	• Data analytics • Business Statistics & Computing • Operations Management • Organizational Management • Economics • Management Information System • Finance • Marketing

Note: The minimum essential qualifications and desirable areas of specialization mentioned in Annexure-II(Amended) are for new entrants only. The serving faculty members of SVNIT Surat shall be eligible to apply for higher posts/designations/cadres, pay bands, and academic grade pay in their departments, irrespective of their qualifications and specializations, if they satisfy other advertised criteria.