

**Dr. Vikas Baburao Patil** is a distinguished academician and scientist, currently serving as the **Director, School of Physical Sciences, Director, Innovation, Incubation & Linkages, Director, School of Life Sciences and Director, School of Technology** at **Punyashlok Ahilyadevi Holkar Solapur University, Solapur**, where he also holds the position of **Professor and Head, Department of Physics**.

An alumnus of **Shivaji University, Kolhapur**, Dr. Patil completed his **Bachelor of Science (Physics)** from Y.C. College, Karad, in 1995. He went on to pursue a **Master's degree in Physics (Applied Electronics)** from Shivaji University in 1997, and was later awarded a **Ph.D. in Thin Film Solar Cells** in 2003. Over his 29-year academic career, he has established himself as a leading expert in **Applied Electronics and Materials Science**, with a particular focus on **conducting polymers, metal oxides, hybrid materials, gas sensors, biosensors, supercapacitors, and solar cell technologies**.

Dr. Patil has an extensive teaching portfolio spanning **29 years**, including **27 years at the postgraduate level**. His research achievements are equally commendable — he has successfully guided **20 Ph.D. scholars**, with several others currently under his mentorship.

He has published over **200 research papers in Scopus-indexed international journals**, amassing an **h-index of 59**, over **9350 citations**, and a cumulative impact factor exceeding **724**. He has also contributed to more than **100 conference publications**, authored **8 research monographs, 3 textbooks**, and **11 book chapters** with globally reputed publishers such as **Elsevier, Springer, and Nova**.

As a **principal investigator**, Dr. Patil has led **19 major research projects**, with a cumulative research grant of over **₹4.2 crore**, funded by prestigious agencies such as **UGC, DST, CSIR, BRNS, DRDO, RGSTC, and BIRAC**. His international collaborations span institutions in **Malaysia, South Korea, Taiwan, China, Saudi Arabia, and Spain**.

Dr. Patil holds **5 granted patents** and **2 recent filings**, including innovations in **ammonia and NO<sub>2</sub> gas sensors, nanoparticle synthesis, soil moisture sensors, and phytoconstituent extraction methods**. He also transferred key technologies to the industry, particularly in the area of **sensor development**.

In his administrative career, he has served as **Acting Vice-Chancellor, Pro Vice-Chancellor, Registrar (I/C), IQAC Director, and Director of R&D Cell**. He has played pivotal roles in curriculum development, institutional quality assurance, and research innovation at both state and national levels. He is currently the **Member Secretary of the IPR Cell** at **PAH Solapur University**.

and **Coordinator of the Rajiv Gandhi Science & Technology Commission, Mumbai.**

His contributions have been recognized through several accolades including the **Best Teacher Award**, the **International Innovation & Research Excellence Award**, and his inclusion in the **World Top 2% Scientists in Physics** as per Stanford University and the AD Scientific Index for four consecutive years (2021–2024).

Dr. Patil is a **Fellow of the Maharashtra Academy of Sciences**, a member of leading scientific organizations including the **American Chemical Society, IAAM**, and **AAAS**, and serves on the editorial boards of several reputed international journals. As a **reviewer**, he regularly evaluates manuscripts for top journals published by **ACS, RSC, Elsevier, Springer**, and **IEEE**.

He has delivered **over 120 invited talks** at national and international conferences and served as a **visiting research fellow** at renowned institutions like **INTI International University (Malaysia), BARC**, and **IISc Bangalore**.

Dr. Vikas B. Patil continues to lead with innovation, fostering excellence in research, education, and academic administration. His visionary work in physics and materials science remains a significant contribution to both Indian and global scientific communities.