


Biodata

Name	Dr. Bharat B. Kale	
Designation	Scientist G, Director (A), Director General (Additional Charge)	
Educational qualification	M.Sc from University of Pune, Pune. Ph.D from National Chemical Laboratory, Pune.	
Research area	Nanostructured advanced Materials, Photonic materials, Solar cells, Thermoelectrics, Lithium ion, Lithium air Battery, Na-ion, Na-air Batteries, Hydrogen production from Semiconductors, Quantum dots in glasses, polymers, Nanocomposites, Chalcogenide materials and glasses, Magnetic materials, Super capacitor materials, Hydrogen storage materials, fuel cell materials and catalysts	
Recognised Awards/Honors/Fellow	<ul style="list-style-type: none">• Fellow of Royal Society of Chemistry (FRSC), London.• Fellow of Asian Pacific Advanced Material Society (APAM) Academician, Singapore.	
Projects a. Ongoing b. Completed	1. Centre of Excellence in Rechargeable Battery Technology (Pre-Cell) (PN/SP/075) (Sponsored by MeitY, Outlay: Rs. 2087.67 lakhs DoS: 13.09.2019; DoC: 12.09.2024)	
Publications/Patents (Last 5 years only) Provide Google scholar link	1. ZnO decorated Sn ₃ O ₄ nanosheet nano-heterostructure: a stable photocatalyst for water splitting and dye degradation under natural sunlight, S.D. Balgude, Y.A. Sethi, B.B. Kale, D.P. Amalnerkar, P.V. Adhyapak, RSC advances, 2019 , 9(18), 10289-10296.	