

Curriculum Vitae

Prof. (Dr.) Sagar D. Delekar

Director, Innovation, Incubation, and Linkages, Shivaji University, Kolhapur
Director, Internal Quality Assurance Cell, Shivaji University, Kolhapur
Professor, Department of Chemistry, Shivaji University, Kolhapur (MS) India.
sddelekar7@gmail.com, sdd_chem@unishivaji.ac.in, +91 9890291575



Academic Credentials

Raman PDF	2015-2016	Florida State University, USA.
SRF	2010	Indian Institute of Science, Bangalore (Karnataka) India.
Ph.D.	2006	Shivaji University, Kolhapur (MS) India.
M.Sc. (Chemistry)	2001	Shivaji University, Kolhapur (MS) India.
NET (Twice)	2001, 2003	Council of Scientific & Industrial Research, New Delhi.
SET	2002	Pune University, Pune (MS) India.

Awards and Honours

Indian Scientists Rank	2021	Recognized by Elsevier SciVal. (At 128 among the top 500)
World Scientists Rank	2022	AD Scientific Index Ltd. (Institute rank-10, Country rank-2595)
Raman Fellowship	2015-2016	The Florida State University, FL (USA) under the supervision of Nobel Laureate Prof. Harry Kroto with Prof. Naresh Dalal.
Global Ambassador	2016	Florida State University, USA.
Fast track proposal for Young Scientists	2012	Department of Science & Technology, New Delhi.
SRF	2010	Indian Institute of Science, Bangalore (Karnataka) India.

Administrative Experience

Director	Feb. 2024 – till date	Innovation, Incubation and Linkages, Shivaji University
Director	Mar. 2024 – till date	Internal Quality Assurance Cell, Shivaji University
Member	Feb. 2024 – till date	Senate, Shivaji University
Member	Feb. 2024 – till date	Academic Council, Shivaji University
Member Secretary	Feb. 2024 – till date	Board of Deans, Shivaji University
Member Secretary	Feb. 2024 – till date	Board of National & International Linkages, Shivaji University
Member Secretary	Feb. 2024 – till date	Board of Innovation, Incubation and Enterprises, Shivaji University
Member	Feb. 2024 – till date	Board of Sub-campuses, Shivaji University
Member Secretary	Feb. 2024 – till date	Board of Research, Shivaji University
Ex-Member	2017 – 2022	Senate, Shivaji University
Ex-Member	2018 – 2022	Standing committee, Shivaji University
Founder & Head	2005 – 2011	Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Sub-campus Dharashiv

Professional Experience

Professor	2016 – till date	Shivaji University, Kolhapur (MS) India.
Associate Professor	2013 – 2016	Shivaji University, Kolhapur (MS) India.
Assistant Professor	2005 – 2013	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
Lecturer	2002 – 2005	Shivaji University, Kolhapur (MS) India.

Research Publications and Books / Chapters edited

Research Articles	102+	Citations : 3650+ (<i>Scopus & Google scholar web sources</i>)
Books/Chapters	05+	<i>h-index: 35+ and i10: 56+ (Scopus & Google scholar sources)</i>

Research Thrust Areas

- Designing and device fabrication using supramolecular dyad systems, quantum-dots-dye hybrid systems, and cadmium chalcogenides thin films, for photovoltaic devices.
- Fabrication of carbon nanostructures composites, metal oxide-based hydrides, and metal-organic frameworks for supercapacitor devices, water-splitting studies, etc.
- Development of functional magnetic metal oxides and mixed metal oxide nanomaterials for magnetic hyperthermia application.
- Photocatalytic studies of doped/bare metal oxide nanoparticles or supported metal nanoparticles for chemical transformations include oxidation, reduction, condensation, and degradation reactions.
- Nanocomposites between carbon nanotubes (CNTs) or graphene precursors with metal oxide nanoparticles as well as doped oxides for antimicrobial formulations and bio-sensing studies.

Institutional and Individual Projects (Worth of Rs. 21+ Crores)

Member, Project Monitoring Committee	2024 – 2026	Pradhan Mantri Uchchar Shiksha Abhiyan (PM-USHA) Scheme (Component -II)
PI, MRP & Raman	2011 – 2014	University Grants Commission, New Delhi.
PI, MRP	2012 – 2015	Department of Science & Technology, New Delhi.
PI, MRP	2018 – 2021	Rajiv Gandhi Sci. & Technology and Shivaji University.

Innovation and Entrepreneurship Development

- **Indian/German patents: 11+** (Granted:05+ and Filed:06+)
- **Incubatee at SCIIL & SUK RDF**, for the innovation of “Antimicrobial Paint Formulations”.
- **Co-ordinator, Institution’s Innovation Cell (IIC), University-Industry Interaction Cell (UIIC), & Research Colloquium**, Shivaji University.
- Also, recognized as **Central Govt., MoE’s IIC Innovation Ambassador**.
- **Research Advisor at Fortunecoat Industries Pvt. Ltd.**, Kagal MIDC, Kolhapur 416 236 (MS), India.
- Startup, “**Nano Solutions Pvt Ltd.**” (Reg.)
- **Consolation Prize** under Lokraja Startup & Innovation Competition-2022 for “Antimicrobial Paint”.
- **Collaborations** with premier institutes in the countries like the **USA, UK, Taiwan, South Korea**, etc.

Academic and Administrative Experiences at the University Level

- **Fellow of Maharashtra Academy of Sciences**, Maharashtra, India [Dec. 2021].
- Editor, Journal of Shivaji University: Science & Technology, by Shivaji University.
- **Member of Research Recognition Committee**, MGM University, Aurangabad (MS) India [Dec. 2020 onwards].
- **Member of American Chemical Society**, USA (Member Number: 30135318) [2021-2022].
- **Member of Academic Council**, Vivekanand College (Auto.), Kolhapur (MS) India [2018-2023].
- **Member of BoS-Chem**, Yashvantrao Chavan Institute of Science (Auto.), Satara (MS) India [2018 onwards].
- **Annual Member of International Solar Energy Society**, Germany [2017-2018].

Social Outreach and Community Services

- Delivering invited talks at educational institutions to promote advancements in science, technology, innovation, incubation, and linkages.
- Delivering invited lectures focused on the National Education Policy (NEP) of 2020, aiming to elucidate its key principles, objectives, and implications.
- Spearheading diverse initiatives aimed at upholding the quality standards of our university while aligning with the socio-economic development goals of the nation.
- Providing expert consultancy services for soil and water analysis, as well as thermal and morphological analysis of foundry or ceramic samples.
- Volunteering at various initiatives such as tree plantation drives, flood relief camps, and COVID-19 quarantine centers affiliated with Shivaji University in Kolhapur, India.

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