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 POST-DOC. FELLOW (**USA, JAPAN, JAPAN, TAIWAN**), F.A.P.A.S., F.I.Ch.C., F.I.A.A.M., F.S.T.E.M., L.M.I.L.A., L.M.E.A.C.R., L.M.I.F.S.A., L.M.O.S.A.,  
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**DEAN (Research) | Sr. PROFESSOR (Chemistry)****MEMBER (IAIP) | MEMBER (EqC) | MEMBER (IQAC) | MEMBER SECRETARY (RC)****1998 NSD-OEAD Fellow | 2000 NSF Fellow | 2000 JSPS Fellow | 2002 VBL Fellow | 2003 NSC Fellow****Visiting Professor | Visiting Researcher | Visiting Scientist | Visiting Fellow**

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**RESEARCH CONSULTANT**, Higher Education Abroad | Industrial Nanotechnology | Functional Materials

1995	<b>WORLD BANK FELLOWSHIP</b> for Survey Project for the State of Karnataka, India entitled "INDUSTRIAL POLLUTION SURVEY IN INDIA"
2005	<b>International Project Taiwan-Canada</b> (NTD 28 Million = INR ~45 Crores)
2014	<b>Top 40 Analytical Scientists in the World (Power List) 2014</b> , The Analytical Scientist (Monthly Magazine), Texere Publishing Ltd., NY, USA; <a href="https://theanalyticalscientist.com/the-power-list-2014">https://theanalyticalscientist.com/the-power-list-2014</a>
2015	DOVE Press Editorial Board - <b>International Journal of Nanomedicine</b> (IF: 5.719); ISSN: 1178-2013
2016	<b>Beacons of the Photonics Industry-2016</b> by Photonics Media (Photonics.com) (a60873) - <a href="https://www.photonics.com/Articles/Beacons of the Photonics Industry/a60873">https://www.photonics.com/Articles/Beacons of the Photonics Industry/a60873</a>
2020	<b>National Level Best PG Chemistry Teacher Awardee-2020 (Prof. Dr. Bhupendra Sahai Saxena Award-2020)</b> by the Association of Chemistry Teachers (ACT), INDIA
2020	<b>Stanford University's Top 2% Most Influential Scientists List for the Year 2020</b> (Indian Researchers) - Indian Rank 2521 out of 5020
2021	Featured in " <b>World Ranking of Top 2% Scientists</b> " in the latest 2021 database in ( <b>Materials Chemistry</b> ) - <b>Rank #5020</b> (Out of 28531 Scientists), Created by Experts at Stanford University, USA. Dtd. 19 <sup>th</sup> Oct. 2021
2021	Appeared in <b>AD Scientific Index - World Scientist and University Rankings 2021</b> as #1 under <b>Engineering &amp; Technology and Nanoscience and Nanotechnology</b> ; <a href="http://www.adscientificindex.com/">http://www.adscientificindex.com/</a>
2022	BENTHAM Editorial Board - Current Indian Science Journal (Section: Nanomaterials); ISSN: 2210-299X (Online); ISSN: 2210-3007 (Print); <a href="https://currentindianscience.com/materials-science/editorial-board.php#">https://currentindianscience.com/materials-science/editorial-board.php#</a>
2022	Appeared in <b>AD Scientific Index - World Scientist and University Rankings 2022</b> as #1 under <b>Engineering &amp; Technology and Nanoscience and Nanotechnology</b> ; <a href="http://www.adscientificindex.com/">http://www.adscientificindex.com/</a>
2022	Review Editor - <b>Frontiers in Materials</b> (Section: Polymeric and Composite Materials), ISSN (Online): 2296-8016, <a href="https://www.frontiersin.org/journals/materials">https://www.frontiersin.org/journals/materials</a>

**Prof. Dr. techn. Murthy Chavali**, Professor of Analytical Chemistry & Nanotechnology is presently working as **DEAN (Research) & PROFESSOR (Chemistry)**, Alliance University, Bengaluru, India; Director (109 NANO, India), Director (NTRC-MCETRC, India) and International Nanotech Research Consultant. He received his B.Sc., in Chemistry (1990, ANU, India); M.Sc. (Tech.) in Chemistry (1994, JNTUH, India), and his Ph.D. Tech., in Analytical Chemistry (2000, TUWIEN, Austria) and served as Post-doctoral Fellow in USA, Japan (as JSPS and VBL Fellow), and Taiwan (NSC Fellow). Professor Chavali has over 29 years of research experience and 23 years of teaching experience and established 9 advanced research laboratories. He is a recipient of several research

felicitations/awards/ fellowships, and commendations both nationally and internationally and has been invited to several countries to speak on his group's research activities. He is also a Visiting Professor/Researcher/Scientist/Fellow to 13 universities/Institutes abroad. He was a recipient of over 68 International Travel Grants.

**Dr. techn. Murthy Chavali** has published widely over **1200** at various international and national which include **375** articles/communiqués in reputed peer-reviewed journals; presented at over **250** seminars/symposia/conferences/workshops; over **195** technical reports and **110** books/book chapters. He also made a team contribution toward **12** patents. He also focuses on student entrepreneurship allowing students to learn more than their study in their chosen field via creating an interdisciplinary environment to work and develop. He is also responsible for **7 student start-ups**, mainly converting waste to product, novel product design and development and usage of waste materials etc.

His research interests are optical waveguide technology, IR sensors, LIF, chip-based chemical and biochemical sensors ( $\mu$ ,  $\eta$ ), development and application of spectroscopic techniques for the study of nanomaterials. He also focuses on the synthesis and fabrication of various organic, inorganic nanostructured materials, composites and nanosensor array technology, broadly, nanotechnology applications for gas and liquid sensors and nanobionics (plant, fungal, microbial), nanoinnovations, nanoforensics, biodiesels, biofuels, biohydrogen, marine enzymes, algae biomass, fuel cells, biofuel cells, microbial fuel cells, bioeconomy, sustainability, gasification, algae-based solid waste management, algal nanotechnology, sustainability science and engineering, nanocellulose, and diatoms.

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