MGM University, Chhatrapati Sambhajinagar MS, India

Dr. Suryakant Baburao Sapkal,

Designation: Associate Professor & Head, Department of Chemistry, School of Basic and Applied Sciences, MGM University Chhatrapati Sambhajinagar MS, India

Research Area: Design and Development of new Synthetic Methodologies toward Green Chemistry Aspects, Organocatalysis, nanocatalysis, Nanofertilizers, Synthesis of Anticancer drug molecules, etc.

Biography:

Dr. Suryakant Baburao Sapkal has been working as a Associate Professor at & Head, Department of Chemistry, School of Basic and Applied Sciences, MGM University Chhatrapati Sambhajinagar MS, India. He has 16 years of teaching and one year of research (R&D) experience. He is a research guide. He has been working as a Chairman of Board of Studies (BoS) in Chemistry and different capacities at university level in MGM University. Five research students are working under his supervision and one has been awarded Ph. D. degree. He successfully completed Three UGC research projects. He has been awarded First price in Indian Science Congress Local Chapter at Dr. Babasaheb Ambedkar Marathwada University Aurangabad. He is a member of National Book Trust of India, X-advisory board member of World Research Journal of Chemical Biology (Bioinfo Publications), Editorial Member of International Journal of Green Chemistry (Journals Pub), Member of Reviewer for Asian Journal of Organic & Medicinal Chemistry, Associate Board Member of "The Open Chemical Engineering Journal" Bentham Open Group of Publication, and reviewer of American journal of applied sciences, ChemistrySelect (Willey), Polycyclic Aromatic Compounds (Taylor and Francis), Current Organic Chemistry (Bentham Science Publishers), Springer Nature Journal, Research on Chemical Intermediates (Springer) etc. Before this job he worked as a Scientist R & D at ARCH pharmaceutical corporate laboratory Pvt. Ltd. Mumbai. On his credit there are 48 research papers published in the journal of national and international repute. He has completed his Ph.D. in chemistry at department of chemistry, Dr. B. A. M. University Aurangabad, MS, India. His area of interest is development of new strategies for the synthesis of various bioactive heterocyclic compounds using ideal reaction medium like water and Ionic liquids, Solvent free condition, solid supports like alumina, silica and nano catalysts, phase transfer catalysts and organocatalysts by

conventional as well as non-conventional routes.

Abstract:
Nowadays time has come to expand horizon of our conscious foresight about environmental consequences and side effects. It is expected from all the chemists and co-workers while performing any chemical transformations in the laboratory. This is because; no any chemical process is perfectly environment friendly. Therefore chemists have either to modify the protocols or keep control on it, so that the developed methodology can help to protect human health and maintains environment unaffected. Factually, every citizen on an earth has to contribute for sustainability means. Keeping these factors in view, it was thought worthiness to synthesize various heterocyclic moieties by means of different catalytic technologies with non-conventional techniques.

***I extend my hand for collaboration under following research areas*,**

- Design and Development of new Synthetic Methodologies for various Heterocycles
- Organoactalysis
- Nanocatalysis
- Renewable Energy and Environment
- Lubricant technology
- Sensing technology
- Nano fertilizers
- Use of nanoparticles in Civil Engineering

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Web of Science Researcher ID: **AAI-6459-2021**.

https://www.webofscience.com/wos/author/record/2235653

Publication Link: https://scholar.google.com/citations?user=gPEtgrQAAAAJ

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