

### Patent Publication Details

1. Patent Submitted Under SSIP Scheme through Shree Datta Law Consultancy, Ahmedabad, Gujarat (Submitted).

**Invention Title:** “Highly Functionalized Novel Thiophene Heterocycles and Their Anticancer Activity.”

**Application No.:** 202421005423.

**Publication Date:** 23/02/2024

### Paper Publication Details

1. **Russian Journal of General Chemistry, (Springer) (Published Article)**

Jatiya, J. N., Patel, A. S., & Savant, M. M. (2023). Synthesis, in vitro antimicrobial evaluation, ADMET properties, and molecular docking studies of novel thiazole derivatives. *Russian Journal of General Chemistry*, 93(10), 2621–2631. <https://doi.org/10.1134/s107036322310016x>

2. **Russian Journal of General Chemistry, (Springer) (Accepted Article)**

Jatiya, J. N., Patel, A. S., & Savant, M. M. (2024). Synthesis, in vitro antimalarial evaluation, ADMET properties, and molecular docking studies of novel thiazolo[3,2-a]pyrimidine derivatives. *Russian Journal of General Chemistry*, 94(2), 429–440. <https://doi.org/10.1134/s107036322402018x>

**List of Seminar/Conference Participated**

1. Paper Presented in ICETCP-2022 (International Conference on Emerging Trends & Contemporary Practice) at Atmiya University on 20/05/2022.  
**Title:** Synthesis and Characterization of Novel Highly Functionalized Indole Derivatives.
2. Paper Presented in Presented in ICETCP-2022 (International Conference on Emerging Trends & Contemporary Practice) at Atmiya University on 20/05/2022.  
**Title:** Synthesis and Characterization of Novel Highly Functionalized Thiophene Heterocycles.
3. Poster Presented in ICETCP-2024 (2<sup>nd</sup> International Conference on Emerging Trends & Contemporary Practice) at Atmiya University on 09/02/2024.  
**Title:** Synthesis, Characterization and Biological Activity of Thiazole Derivatives.
4. Course on “Accelerating Research using Elsevier Tools-Zooming in on UNSDGs: DAY-1 (Enhancing Research Planning using Scopus)” at Atmiya University, on Thursday 17 June, 2021
5. Online course on "How to effectively use ScienceDirect- Read Quality... Publish at Dr. A.P.J. Abdul Kalam Technical University, on Thursday 15 April, 2021
6. Successfully completed every module within Ethics on Tuesday 20 September, 2022 by Researcher Academy
7. Online course on “Introduction to Molecular Spectroscopy” by Coursera on 4<sup>th</sup> June 2020.
8. Successfully completed and Qualified the Exam of One Week Fdp on Research Methodology (online mode) from 14 June 2021 to 18 June 2021 organized by REST Society for Research International (RSRI) Krishnagiri, Tamil Nadu, India.
9. Online course on “Understanding Research Methods” by University of London and SOAS University of London and offered through Coursera on 18 May 2021