**Dr. Lokesh Kumar Sharma** **Mob. No. : +91-6350072801**

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**EDUCATIONAL QUALIFICATION:**

| Class | Year | Division | Board/University |
|---|---|---|---|
| X$^{th}$ | 2002 | I$^{st}$ Division | BSER, Ajmer |
| XII$^{th}$ | 2004 | I$^{st}$ Division | BSER, Ajmer |
| B.Sc. | 2009 | I$^{st}$ Division | University of Rajasthan, Jaipur |
| M.Sc. | 2011 | I$^{st}$ Division | University of Rajasthan, Jaipur |
| Ph.D. | 2017 | Awarded | University of Rajasthan, Jaipur |

**RESEARCH SUMMARY:**

**Title of Ph.D. Thesis**:

"Design and Synthesis of some biologically active spiro-indoles".

**Supervisor :**

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**PERSONAL DETAILS**

| | | |
|---|---|---|
| Father's Name | : | Sh. Hanuman Sahai Sharma |
| Date of Birth | : | 26th Nov., 1988 |
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| Nationality | : | Indian |
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## LIST OF PUBLICATIONS :

***Papers Published/ Accepted/ Communicated in Journals***

1. Sharma, K.; **Sharma, L. K**.; Jain, R. Synthesis of 3-(1-substituted-5-phenyl-4,5-dihydro-1*H*-pyrazol-3-yl)-4-substituted benzo[4,5]imidazo[2,1-c][1,2,4] triazines as insecticidal agents. *Heterocycl. Lett.*, **2015**, *5*(1), 121-129.
2. Sharma, K.; **Sharma, L. K**.; Jain, R. Facile Synthesis of Spiro[3*H*-indole-3,2'-oxirane]-3'-(2-oxo-2-thiophene-2-yl)-2(1*H*)ones and their Antibacterial Activity. *Heterocyclic Lett.*, **2015**, *5*(3), 383-390.

3. Kumar, D.; **Sharma, L. K.**; Sharma, K.; Jain, R. Investigation of the Reaction of Indole-2,3-diones with Biuret: A Novel Approach for the Synthesis of Spiro[indole-triazines]. *J. Heterocycl. Chem.*, **2017**, *54*, 570-574.
4. Sharma, K.; **Sharma, L. K**.; Kumar, D.; Jain, R. Synthesis of Indolo-benzodiazocine Derivatives in Aqueous Micellar Medium and their anthelmintic activity. Chemistry & Biology interface. **2017, 7, 2, 124-133.**
5. Sharma, K.; **Sharma, L. K**.; Jain, M.; Jain, R. Ethyl lactate Mediated 1,3-Dipolar Cycloaddition of Azomethine Ylides: A Design, synthesis and Antibacterial Activity of novel Dispiro Heterocycles. Chemistry & Biology interface**. 2018, 8, 3, 138-150**.
6. Sharma, K.; **Sharma, L. K**.; Kumar, D.; Jain, R. An Environmental benign approach towards synthesis of spiro [indole-pyrazolones] and their biological activity. *Heterocyclic Lett.,* **2020, 10 (4), 691-699.**
7. Sharma, K.; **Sharma, L. K**. Investigation of The Reaction of 3-[2-Oxo-2-(2-thienyl)ethylidene]indol-2(1*H*)-ones With 2- hydrazinobenzimidazole and Evaluation of insecticidal activity. *Heterocyclic Lett.,* **2021, 11 (3), 409-416.**
8. Sharma, K.; **Sharma, L. K**. A Green Synthesis of Indole derivatives in Water : Reaction of Indole-2,3-diones with 5,6-diamino-1,3-dimethyl-2,4-(1*H*,3*H*)pyrimidindione hydrochloride and Evalution of antibacterial activity. . *Heterocyclic Lett.,* **2023, 13 (2), 257-267.**
9. Sharma, K.; **Sharma, L. K**.; Jain, R. Aqeuous Mediated Synthesis of Spiro[indole-3,2'-thiazinolidone]2,4'diones as an Insecticidal Agent. *Synth. Commun.*, **2021** (Communicated)

## ***Papers Presented/Accepted in Conferences/Seminars/Workshops***

1. National Seminar on Chemistry for Economic Growth and Human Comforts. Department of Chemistry, University of Rajasthan, Jaipur, August 31, **2013**.

2. Development of a novel green strategy for the synthesis of spiro[indole-oxiranes] as potential antimicrobial agents.

   50th Annual Convention of Chemists, Indian Chemical Society, Department of Chemistry, Punjab University, Chandigarh, December 04-07, **2013**.

3. National Seminar & Science Model Exhibition on " Innovations in Science & Technology for Inclusive Development" .

   Dr. B. L. Institute of Biotechnology, Jaipur, January 16-17, **2014**.

4. Environmentally Benign Synthesis of 3-(1-Substituted-5-phenyl-4,5-dihydro-1*H*-pyrazol-3-yl)-4-substitutedbenzo[4,5]imidazo[2,1-c] [1,2,4]triazines.

   National Confrence on Emeging Areas in Chemical Education & Research and National Convention of Chemistry Teachers (NCCT-2014), Department of Chemistry, The IIS University, Jaipur, October 16-18, 2014 **(P-18F, Page-79)**.

5. Facile Synthesis of Spiro [3*H*-indole-3,2'-oxirane]-3'-(2-oxo-2-(thiophene-2-yl))-2(1*H*)ones and their Antibacterial Activity.

   National Conference on Frontiers at the Chemistry-Allied Sciences Interface (FCASI-2015), Department of Chemistry, University of Rajasthan, Jaipur, March 13-14, 2015. **(PP-68, Page-114)**.

6. Novel Route for Synthesis of Indolo-benzodiazocine derivatives in Aqueous Micellar Medium.

   52nd Annual Convention of Chemists, Indian Chemical Society, Department of Chemistry, JECRC University, Jaipur, December 28-30, 2015. **(ORG (OP)-17, Page-C 25)**.

7. 2,2,2-Trifluoroethanol Mediated Synthesis of 1'-Benzothiazolo-5'-thienyl-2'-4'dihydrospiro[indole-3,3'-pyrazole]2(1*H*)ones and Evalution of their Antimicrobial Activities.

   National Conference on New Vistas in Chemical Research Department of Chemistry, The IIS University, Jaipur, January 18-19, 2017 **(P-30S, Page-112)**.

**REFERENCE :**


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I hereby declare that the above information is true to the best of my knowledge and belief.

**Date:** 23/05/2024

**Place:** Rajsamand

**(Dr. Lokesh Kumar Sharma)**