



## Curriculum Vitae

### Dr. Harshita Sachdeva

Presently working as Associate Professor in the Department of Chemistry, University of Rajasthan, Jaipur, Rajasthan, India.

**Present Address:** G 1303, Mahima Panache, Maharana Pratap Circle Road, Nandpuri B, Ravindra Nagar- A, Jagatpura, Jaipur-302033, Rajasthan

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### Academic and Research Achievements

- Did Ph.D from the Department of chemistry, University of Rajasthan, Jaipur, on the topic **Synthesis of Some Potentially Biodynamic Heterocycles** (Degree awarded in March 2000)
- Worked as JRF in UGC Project “Design and new synthetic approaches to biodynamic Spiro indoles” from July1995-July1998 in the Department of chemistry, University of Rajasthan, Jaipur.
- Got senior research fellowship (Directly from CSIR, New Delhi) in the Project “Non-conventional method for the synthesis of biodynamic Heterocycles” in 1998 (Worked as Senior Research Fellow in Department of chemistry University of Rajasthan, Jaipur).
- **Teaching and Research experience** of around 22 Years.
- **Area of Research** - Green Chemistry, Nanocatalysis, Medicinal Chemistry and Synthetic Organic Chemistry, particularly synthesized various biologically active heterocyclic compounds under the framework of Green Chemistry using either alternative energy sources or reaction medium or using alternative catalysts. Mainly metallic nanoparticles are used as catalysts for the synthesis of bioactive compounds. Compounds have also been screened for various biological activities like anticancer activities on human lung and breast cancer cell lines, antitubercular, anti-inflammatory, antifungal and antibacterial activities and some compounds were found to be biologically active.

- **Published** around **45** research papers and review articles in Journals of National and International repute and supervised 03 Ph. D students, presently **4 students** are doing Ph. D under my supervision.
- Guided around 30 students for B. Sc Projects/M.Sc. Dissertations.
- **Reviewer of various International Journals** like Acta Chemica Slovenica, Molecules, Letters in Drug Design and Discovery, Medicinal Chemistry Research, Organic Chemistry International, Chinese Journal of Catalysis, RSC Advances, Catalysis Letters, etc.
- **Membership of National bodies:** Member of Indian Society for Technical Education, Member of Association of Chemistry Teachers, Life member of Society for Materials Chemistry, Member of society for promotion of Education and Science
- Attended, participated/presented papers/ chaired sessions at various National and International conferences.

#### **Conferences/workshops attended**

1. Attended “**32<sup>nd</sup> Annual Convention of Chemists**”, held at Department of Chemistry, University of Rajasthan, Jaipur-302004, Dec. **1995**.
2. Attended “**International symposium on metallo-organic Chemistry at the Dawn of the twenty-first century**” held at Department of chemistry, University of Rajasthan, Jaipur, **March 1998**.
3. Attended “**National Workshop on Microwave Sciences**”, held at Government Engineering College Bikaner, **April 2008**.
4. Attended and participated in **National Conference on “Energy”** held at Mody Institute of Technology and Science, Deemed University, Lakshmanagarh, Sikar (Rajasthan), October 18-19, **2008**.
5. Attended and participated in **National Conference on “Energy”** held at Mody Institute of Technology and Science, Deemed University, Lakshmanagarh, Sikar (Rajasthan), October 31-Nov. 1st, **2009**.
6. Attended and presented paper in “**International Conference on Women in Science and Engineering: Global Perspectives on Challenges and Opportunities**” **WISE-2012**” organized by MITS in association with University of Missouri, College of Engineering Columbia, USA Pages 27-28, **2012**.
7. Attended workshop on “Nanoscience & Nanotechnology: Challenges and Opportunities.” 21-22 November 2014 held at Mody University, Laxmanagarh, Sikar (Raj.).
8. Attended workshop on “Energy efficient lighting technology: Recent development and future ahead.” held on 28<sup>th</sup> November 2015, Mody University, Laxmanagarh, Sikar (Raj.).
9. Attended and presented poster entitled “**Green Synthesis of Indole Derivatives under Grindstone Chemistry Technique**” in “**International Conference on Frontiers at the Chemistry-Allied Science Interface**” on **25-26<sup>th</sup> April, 2016**, Jaipur Organized by Centre of Advanced Study, Department of Chemistry, University of Rajasthan, Jaipur-302004.

10. Attended workshop on “Emerging technologies based on nanosciences-A popularization workshop” 22-23 April, 2016 Mody University, Laxmangarh, Sikar (Raj.).
11. Attended **“Chemistry Popularization workshop on “Life sailing through chemistry” Organized by International Student Chapter, American Chemical Society**, held at CASH, Mody University, Laxmangarh, Sikar, Rajasthan in collaboration with Chattraprotshahan Vyakhyan Shrankhla (CPVS), Institute of Nano science and Technology, Mohali on 26-27 Nov. 2017.
12. Attended and presented paper in **International Conference on Microbial, plant and Animal Genome**, March 29-31, 2018, organized by Department of Biosciences, CASH, Mody University of Science and Technology, Laxmangarh, Sikar, Rajasthan.
13. Attended **“National Conference on Recent Advances at Interfaces of Physical and Life Sciences (RAIPLS-2018)”** July 6-7, 2018 held at Department of Chemistry, University of Rajasthan, Jaipur-302004, Rajasthan.
14. Attended and chaired session in **“International Conference on Frontiers at the Chemistry-Allied Science Interface” FCASI-2018** held on 21-22<sup>nd</sup> Dec. 2018 at Department of Chemistry, University of Rajasthan, Jaipur-302004, India.
15. Attended and chaired session and **presented paper** in “International Conference on Recent Advances at Interfaces of Physical and Life Sciences (RAIPLS-2019)” January 28-30, 2019 (CYO-21).
16. Attended and presented paper in **“2<sup>nd</sup> international conference on Recent trends on Environment Sustainable Development (RTESD 2019)”** Oct. 17-19 organized by Vivekananda Global University, Jaipur.
17. Attended **National seminar on Role of Science and Technology Rural Development**, 11-12 Nov. 2019, Senate Hall, University of Rajasthan, Jaipur.
18. Attended and **presented paper** in **“National conference on Novel advancements in Applied Chemical Sciences”** 27-28 January 2020 organized by Department of Chemistry, S.S. Jain Subodh P.G. College, Jaipur.
19. Attended **e-FDP** organized by IQAC, Uka Tarsadia Univeristy, Bardoli, Gujrat on **Comprehensive Quality Initiatives for Higher Education in Pandemic Era. 26-30<sup>th</sup> May 2020.**
20. **Resource person** in **e-FDP** organized by Anurag Group of Institutions, Hyderabad on **Sustainable development with green Technology: Precovid, Covid and Post Covid times, 11-13<sup>th</sup> June 2020.**
21. Attended 7 days **Faculty development program on Earth and Environment Responses during COVID-19, 11-17<sup>th</sup> July 2020**, organized by **UGC-HRDC Centre**, Savitribai Phule University, Pune, 11-17<sup>th</sup> July 2020.
22. Attended and presented paper in **International Conference on “Cutting-edge Research in Material Science and Chemistry (CRMSC-2021)”** during January 11-12, 2021, organized by Department of Chemistry, School of Basic Sciences, Manipal University Jaipur.
23. Attended **“International Virtual Conference on CHEMICAL RESEARCH FOR SUSTAINABLE DEVELOPMENT (ICCRSD-2021)”** organized by the Department

of Chemistry, SRM Institute of Science and Technology, Ramapuram Campus, Chennai-89 during 24th and 25th September, 2021.

24. Attended **2<sup>nd</sup> International Virtual Conference on Nanomaterials in tissue engineering and medicine**, 2-5 February, 2022, Jaipur, '**Graphite-based nanomaterials for drug delivery**' (Abstract ID: 807).
25. **Virtual Workshop organized** on “Managing Innovation and Patent Requisites”, 28<sup>th</sup> March, 2022 at 11:00-12:30 pm, organized by Department of Chemistry, University of Rajasthan, Jaipur, K & S Partners, Intellectual Property Attorneys.

#### **Administrative Responsibilities Held**

1. NSS programme Officer ( October 2018 to June 2020)
2. Coordinator of Department Profile committee (2019-2020)
3. Member of Department Profile committee (2020-2021)
4. Coordinator of PG lab maintenance committee (2018-2019)
5. Member of PG lab maintenance committee (2018-2019)
6. Member of Staff committee (2019-2020)
7. Convener of Online activity monitoring committee (2020-2021)
8. Member of Examination committee (2020-2021)

**Courses Taught:** B.Sc., B. Sc. LLB (Chemistry)  
M.Sc. (Organic Chemistry, Medicinal Chemistry, Heterocyclic Chemistry, Spectroscopy, Separation Techniques and Data Analysis, Organic Synthesis, Stereochemistry, Green Chemistry, etc.)  
Engineering Chemistry (B. Tech), **Environmental** Engineering (B. Tech)

**Book Chapters:** **Nutraceuticals as therapeutic agents for prevention and treatment of diseases**, 2022, K. K. Behera et al. (eds.), Prebiotics, Probiotics and Nutraceuticals, Springer Nature Singapore Pte Ltd.

#### **Faculty Development Pogrammes Attended**

Course Name	Date
Attended <b>e-FDP</b> organized by IQAC, Uka Tarsadia Univeristy, Bardoli, Gujrat on Comprehensive Quality Initiatives for Higher Education in Pandemic Era.	26-30 <sup>th</sup> May 2020
<b>Resource person</b> in <b>e-FDP</b> organized by Anurag Group of Institutions, Hyderabad on Sustainable development with green Technology: Precovid, Covid and Post Covid times,	11-13 <sup>th</sup> June 2020
Attended 7 days <b>Faculty development program</b> on Earth and Environment Responses during COVID-19, 11-17 <sup>th</sup> July 2020, organized by <b>UGC-HRDC Centre, Savitribai Phule University, Pune.</b>	11-17 <sup>th</sup> July 2020

**List of Research Publications (Journals)**

<b>S. No.</b>	<b>Author's Name</b>	<b>Title of Paper</b>	<b>Name of Journal/ Proceedings</b>	<b>Volume, No., Pages, Year, Place</b>	<b>ISSN/ISBN/ Registered Society No.</b>
1	<b>Harshita Sachdeva</b> , Abhinav Raj Khandelwal, Ravina Meena, Khushboo Sharma, Narsingh Khatik	Graphene-based nanomaterials for cancer therapy.	Materials today: Proceedings.	Volume 43, Part 5, 2021, Pages 2954- 2957	ISSN 22147853
2	Khaturia S, Chahar M, Sachdeva H , Sangeeta , Mahto CB	The Uses of Various Nanoparticles in Organic Synthesis: A Review	Journal of Nanomedicine & Nanotechnology	Vol.11 Issue 2 No: 543, 2020	21577439
3	<b>Harshita Sachdeva</b>	Nano-ZnO as valuable catalyst for organic transformations: A review	Research Journal of Chemistry and Environment	2020, 24(5) 138-147	E-ISSN No. 2278-4527; PRINT-ISSN No. 0972- 0626
4	<b>Harshita Sachdeva</b>	Recent advances in the catalytic applications of GO/rGO for green organic synthesis	Green Processing and Synthesis Journal	2020, 9 (1), 515-537.	ISSN: 2191- 9550
5	<b>Harshita Sachdeva</b> , <b>Jaya Mathur</b> and <b>Anjali Guleria</b>	Indole derivatives as potential anticancer agents: A review.	Journal of the Chilean Chemical Society.	2020, 65(3):4900-7.	0717-9707
6	Belwal, S., Saritha, R., Sachdeva, H., & Kiran, G.	Synthesis, characterization and prediction of anticancer potentiality of some novel green nanoparticles by molecular docking and ADMET techniques.	Bulletin of the Chemical Society of Ethiopia,	33(3), 493-504, 2019.	1726-801X
7	<b>Harshita Sachdeva</b> and Sangeeta Sharma,	Green Preparation and Structure Elucidation of Spiro Indole Derivatives Using Grindstone Technique	MOJ Biorg Org Chem.	2017, 1(5): 00031, Medcraveonline. com, MOJ.	2574-819X
8	<b>Harshita Sachdeva</b> and Sarita Khaturia	A Mini-Review on Organic synthesis in Water	MOJ Biorg Org Chem.	2017, 1(7): 00041, Medcraveonline. com, MOJ.	2574-819X

9	<b>Harshita Sachdeva,</b> Rekha Saroj and Diksha Dwivedi	Nano-ZnO Catalyzed Multicomponent One-Pot Synthesis of Novel Spiro [indoline-pyranodioxine] Derivatives	The Scientific world Journal	01/2014; 2014: 427195. Hindawi Publishing Corporation, New York, NY 10022, USA	ISSN: 2356- 6140 (Print) ISSN: 1537- 744X (Online) <a href="http://dx.doi.org/10.1155/2014/427195">http://dx.doi.org/10.1155/2014/427195</a> .
10	<b>Harshita Sachdeva,</b> Rekha saroj, Diksha Dwivedi, Sarita Khaturia and Om Prakash Chauhan	Green route for efficient synthesis of novel amino acid Schiff bases as potent antibacterial and antifungal agents and evaluation of cytotoxic effects	Journal of Chemistry	01/2014; 2014:Article ID 848543, 12 pages, Hindawi Publishing Corporation, New York, NY 10022, USA	ISSN: 2090- 9063 (Print) ISSN: 2090- 9071 (Online) <a href="http://dx.doi.org/10.1155/2014/848543">http://dx.doi.org/10.1155/2014/848543</a> .
11	<b>Harshita Sachdeva,</b> Diksha Dwivedi, Kapil Arya, Sarita Khaturia, and Rekha Saroj	Synthesis, anti- inflammatory activity and QSAR study of some Schiff Bases derived from 5-mercapto-3-(4'- pyridyl)-4H-1,2,4- triazole-4-yl- thiosemicarbazide	Medicinal Chemistry Research, Springer.	22, 4953-4963, 2013.	ISSN 1054- 2523 DOI 10.1007/s000 44-013-0507- 6, 2013.
12	<b>Harshita Sachdeva,</b> Rekha Saroj, Sarita Khaturia and Diksha Dwivedi	Environ-Economic Synthesis and Characterization of Some New 1,2,4-Triazole Derivatives as Organic Fluorescent Materials and Potent Fungicidal Agents	Organic Chemistry International Hindawi Publishing Corporation, New York, NY 10022, USA	Volume 2013, Article ID 659107, 19 pages. doi:10.1155/2013/65 9107	ISSN: 2090- 200X (Print) ISSN: 2090- 2018 (Online)
13	<b>Harshita Sachdeva,</b> Diksha Dwivedi and Pradeep Goyal	Green Chemical Synthesis and analgesic activity of Fluorinated Thiazolidinone, Pyrazolidinone, and Dioxanedione Derivatives	Organic Chemistry International Hindawi Publishing Corporation, New York, NY 10022, USA	Volume 2013 (2013), Article ID 976032, 8 pages. doi:10.1155/2013/97 6032	ISSN: 2090- 200X (Print) ISSN: 2090- 2018 (Online)
14	<b>Harshita Sachdeva,</b> Diksha Dwivedi and Rekha saroj	Alum catalyzed simple and efficient synthesis of 2-[3-amino-5-methyl-5- (pyridin-3-yl)-1,5- dihydro-4H-1,2,4-triazol- 4-yl]propanoic acid	The Scientific world Journal (Section: Organic Chemistry)	Volume 2013 (2013), Article ID 716389, 7 pages, 2013. Hindawi Publishing Corporation, New	ISSN: 2356- 6140 (Print) ISSN: 1537- 744X (Online) doi:10.1155/2

		derivatives in aqueous media"		York, NY 10022, USA	013/716389
15	<b>Harshita Sachdeva</b> and Rekha saroj	ZnO nanoparticles as an efficient, heterogeneous, reusable, and ecofriendly catalyst for four-component one-pot green synthesis of pyranopyrazole derivatives in water	The Scientific world Journal (Section: Organic Chemistry)	Volume 2013 (2013), Article ID 680671, 8 pages, 2013. Hindawi Publishing Corporation, New York, NY 10022, USA	ISSN: 2356-6140 (Print) ISSN: 1537-744X (Online) doi:10.1155/2013/680671
16	H.L. Singh, J. B. Singh, <b>H. Sachdeva</b>	Synthesis, Spectroscopic and Antimicrobial Studies of Lead(II) Complexes of Schiff Bases Derived From Amino Acids and Isatins	Spectroscopy Letters	2013; 46 (4), 286–296. Taylor & Francis.	DOI: 10.1080 / 00387010.2012.700545, ISSN 0038-7010,
17	<b>Harshita Sachdeva</b> , Rekha Saroj, Sarita Khaturia and Diksha Dwivedi	Operationally Simple Green Synthesis of Some Schiff Bases Using Grinding Chemistry Technique and Evaluation of Antimicrobial Activity	Green processing and Synthesis, De Gruyter.	1: 469–477, 2012.	ISSN (Online) 2191-9550, ISSN (Print) 2191-9542. DOI 10.1515/gps-2012-0043.
18	<b>Harshita Sachdeva</b> , Rekha Saroj, Sarita Khaturia and Diksha Dwivedi	Green Chemical Synthesis of Amino-Acid Schiff Bases Incorporating Oxindole and 1,3,4-Thiadiazole Moieties	Chem. News Letter	VOL.1, NO.1, page 97-102	ISSN 2278-6201
19	<b>Harshita Sachdeva</b> , Diksha Dwivedi, R.R. Bhattacharjee, Sarita Khaturia and Rekha Saroj	NiO nanoparticles: an efficient catalyst for the multicomponent one-pot synthesis of novel spiro and condensed indole derivatives	Journal of Chemistry Hindawi Publishing Corporation, New York, NY 10022, USA.	Volume 2013, Article ID 606259, 10 pages. <a href="http://dx.doi.org/10.1155/2013/606259">http://dx.doi.org/10.1155/2013/606259</a> ,	ISSN 2090-9063 e-ISSN 2090-9071
20	<b>Harshita Sachdeva</b> and Diksha Dwivedi	Lithium Acetate Mediated Biginelli One-Pot Multi-Component Synthesis Under Solvent Free Conditions and Cytotoxic Activity	The Scientific World Journal	Volume 2012, Article ID 109432, 9 pages doi:10.1100/2012/109432 New York, NY 10022 USA.	ISSN 1537-744X

		against the Human Lung Cancer Cell Line A549 and Breast Cancer Cell Line MCF7			
21	<b>Harshita Sachdeva,</b> Rekha Saroj, Sarita Khaturia and Har Lal Singh	Comparative Studies Of Lewis Acidity Of Alkyl-Tin Chlorides In Multicomponent Biginelli Condensation Using Grindstone Chemistry Technique	Journal of Chilean chemical Society	57, N° 1 (2012)Chile.	ISSN 0717-9707
22	<b>Harshita Sachdeva,</b> Diksha Dwivedi , Har Lal Singh, Kanti Prakash Sharma	Aqua Mediated One Pot Facile Synthesis of Novel Thioxo-1,2,4-triazin-5(2 <i>H</i> )-one and [1,2,4]triazino[5,6- <i>b</i> ]indole Derivatives and their Biological Activities	Journal of Chilean chemical Society	57, N° 4 (2012) Chile.	ISSN 0717-9707
23	Harshita Sachdeva, Diksha Dwivedi and Sarita Khaturia	Aqua mediated facile synthesis of 2-(5/7-fluorinated-2-oxoindolin-3-ylidene)-N-(4-substituted phenyl) hydrazine carbothioamides	Research Journal of Pharmaceutical, Biological and Chemical Sciences.	2(2), 2011, 213-219	ISSN: 0975-8585
24	Harshita Sachdeva, Rekha Saroj, Sarita Khaturia and S.S. Chauhan	HgCl <sub>2</sub> promoted one pot synthesis of 3, 4-dihydropyrimidin-2(1 <i>H</i> )-ones and thiones under solvent free conditions	Heterocyclic Letters	Vol. 1: (4), 2011, 297-304.	ISSN: 2231 – 3087(print) / 2230 – 9632 (Online)
25	H. L. Singh, S. S. Chauhan and H. Sachdeva	Synthesis and characterization of Pb(II) complexes of Schiff bases derived from 3-methoxy-4-fluoro acetophenone with amino acids	Research on Chemical Intermediate, Springer, USA	Vol. 36 (9) 2010	ISSN: 0922-6168 J.No.11164, Springer
26	<b>Harshita Sachdeva</b>	Rapid microwave induced one pot synthesis of fluorinated spiro [indol-pyrimidines]	Indian Journal of Heterocyclic Chemistry, National Academy of Chemistry	18(3), 2009, 315-316	ISSN: 09711627

27	<b>Harshita Sachdeva</b> , Anshu Dandia and Harlal Singh	Synthesis of novel 6' amino-1, 3-dihydrospiro [3H-indol—3,4'(1'H) pyrano (2,3-c) pyrrol]-2-oxo-5'-carboxyethyl ester	Organic Chemistry: An Indian Journal	4(12) 2008, 508-512	ISSN 0974 – 7516
28	Anshu Dandia, <b>Harshita Sachdeva</b> , Ruby Singh and C S Sharma	Microwave assisted one pot synthesis of novel 11-amino-3-phenyl-2-thioxo-10-oxo-imidazolo [5'', 4'': 5', 6'] pyrano [4', 3': 3,4] furo[2,3-b]indoles	Indian J. Chemistry Section B	Vol.42B, 140-144 (2003)	MONTHLY ISSN: 0975-0983 (Online) CODEN: IJOCAP ISSN: 0376-4699 (Print)
29	Anshu Dandia Ruby Singh, <b>Harshita Sachdeva</b> , R.Gupta and Satya Paul	Microwave promoted and improved thermal synthesis of spiro [indole-pyranobenzopyrans] and spiro [indole-pyranoimidazoles]	J. Chinese chemical Society	50, 273-278(2003)	Online ISSN: 2192-6549
30	Anshu Dandia and <b>Harshita Sachdeva</b>	Improved synthesis of 3-spiroindolines in dry media under microwave irradiation	Synthetic Communications Taylor & Francis	31(12), 1879-1892 (2001)	ISSN 0039-7911 (Print), 1532-2432 (Online)
31	Anshu Dandia, Ruby Singh, Kapil Arya and <b>Harshita Sachdeva</b>	Facile one pot microwave induced synthesis of spiro [indole-pyrazoles] and spiro [indole-isoxazoles]	Heterocyclic Communications Walter de Gruyter GmbH & Co. KG.	7(6), 571-576, (2001)	ISSN (printed): 0793-0283. ISSN (electronic): 2191-0197.
32	Anshu Dandia, Ruby Singh, Kapil Arya and <b>Harshita Sachdeva</b>	Microwave assisted one pot synthesis of a series of trifluoromethyl substituted Spiro [indole-triazoles]	J. Fluorine Chemistry Elsevier	111(2001) 61-67	ISSN: 0022-1139
33	Anshu Dandia, <b>Harshita Sachdeva</b> , N. Ahmed and K. C. Joshi	One pot synthesis of fluorine containing diastereoisomeric spiro [indole-oxiran] and their conversion to indole-quinoline-ones.	Heterocyclic Communications Walter de Gruyter GmbH & Co. KG.	6(2), (2000)	ISSN (printed): 0793-0283. ISSN (electronic): 2191-0197.
34	Anshu Dandia, <b>Harshita Sachdeva</b> , and Ruby Singh	Montmorillonite catalyzed synthesis of novel spiro [3H-indole-3,	J. Chemical Research (S) Science Reviews,	272-275 (2000)	ISSN 1747-5198

		3°-[3H-1, 2,4] triazol]-2(1H) ones in dry media under microwave irradiation	2000.		
35	<b>Harshita Taneja,</b> Anshu Dandia and Ruby singh	Improved microwave induced synthesis of spiro [indole-pyrazole/isoxazole /pyrimidine] Derivatives.	Indian J. Heterocyclic Chem. National Academy of Chemistry	9, 149-150 (1999)	<b>ISSN:</b> 09711627
36	Anshu Dandia, Mitali Saha and <b>Harshita Taneja</b>	Improved one pot synthesis of 3-spiroindolines under microwave irradiation	Phosphorus, Sulphur and Silicon, Taylor & Francis	5(4), 1-9 (1998)	ISSN 1042-6507 (Print), 1563-5325 (Online)
37	Anshu Dandia, Mitali Saha and <b>Harshita Taneja</b>	Synthesis of Fluorinated ethyl4-aryl-6methyl-1, 2,3,4-tetrahydropyrimidine-2-thione-5-carboxylates under microwave irradiation.	J. Fluorine Chemistry, Elsevier	90, 17-21 (1998)	ISSN: 0022-1139
38	Anshu Dandia, <b>Harshita Taneja,</b> R. Gupta and Satya Paul	An Efficient procedure for the synthesis of Spiro [indole-pyranopyrrole] carbonitriles using solid inorganic supports and microwave activation	Synthetic Communications Taylor & Francis	29 (13) (1999)	ISSN 0039-7911 (Print), 1532-2432 (Online)
39	Anshu Dandia, <b>Harshita Taneja</b> and Mitali saha	Synthesis of novel spiro (indole-pyranoimidazole) and spiro (indole-pyranopyrrole) derivatives	Indian J. chemical Technology CODEN: ICHTEU ... NISCAIR	4, 243-246 (1997)	<i>ISSN</i> : 0975-0991 (Online); 0971-457X (Print)
40	Savita Belwal, <b>Harshita Taneja</b> and R. V Singh	Novel bioactive thiosemicarbazide ligands and their organosilicon(iv) and organo tin(iv) complexes	Phosphorus, Sulphur and Silicon, Taylor & Francis	127, 49-58 (1997)	ISSN 1042-6507 (Print), 1563-5325 (Online)

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