

Dr. Pravin Kumar Singh

M.Sc. (Org. Chem.), D.Phil., D.Sc.
Assistant Professor



Department of Chemistry

C.M.P. College, Prayagraj

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BIO-DATA

NAME : **DR. PRAVIN KUMAR SINGH**

DATE OF BIRTH : 23-03-1977

FATHERS NAME : Mr. RAM SINGH

MOTHERS NAME : Late Smt. S.R. Devi

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Postal : E (A-1)/ 258 ADA COLONY NAINI, PRAYAGRAJ-211008

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EDUCATIONAL QUALIFICATIONS :

Examinations	Year	Subject	School/ College Attended	Name of the Board/ University	Division / Class
B.Sc.	1997	Botany, Chemistry and Zoology	Ewing Christian College, Allahabad	University of Allahabad, Allahabad	1 st
M.Sc.	1999	Chemistry (Org. Chem.)	---	University of Allahabad, Allahabad	1 st
NET Dec.2001	2001	Chemical Sciences	---	Joint CSIR-UGC	---
NET June 2002	2002	Chemical Sciences	---	Joint CSIR-UGC	---
UP-SLET July 2002	2002	Chemical sciences	---	UGC	---
Russian Diploma	2006	Russian	---	University of Allahabad, Allahabad	1 st
D.Phil./Ph.D.	2003	Science (Chemistry)	<i>Topic : Synthesis of antifungal bibenzyl having heterocyclic moieties</i> <i>Name & Address of the Guide : Prof. I. R. Siddiqui, Department of Chemistry, University of Allahabad</i>		
D.Sc. 19.08.2010	2010	Science (Chemistry)	<i>Topic : Synthesis of new biologically active heterocyclic compounds</i> <i>Name & Address of the Adviser : Prof. I. R. Siddiqui, Department of Chemistry, University of Allahabad</i>		

PUBLICATIONS:

1. Research Papers (Published in UGC listed/ refereed Journals) : **56** (*Annexure I*)
(up to impact factor: 17.16)
2. Books / Book chapters published (Published/ Accepted): **11** (*Annexure II*)

RESEARCH PROJECT:

UGC-startup Project of 10L (since May 2019 till now)

EXPERTIES IN HANDLING OF SCIENTIFIC INSTRUMENTS :

- HPLC
- GC
- Atomic Absorption Spectrophotometer
- UV-Visible Spectrophotometer (single beam and double beam)
- Socs Plus
- Kjel Plus
- Fiber plus

TRAINING TO OPERATE SCIENTIFIC INSTRUMENTS :

- National Summer School from molecule to human behavior held at IHBT Palampur Himanchal Pradesh
- National Summer School held at NEHU Silong Meghalaya

MEMBERSHIP OF SCIENTIFIC SOCIETIES :

- Life member of National NMR Association
- Life member of Indian Science congress Association
- Life member of Indian Science congress Association (Allahabad Chapter)
- Member of Vigyan Parishad Prayagraj
- Co-ordinator, Vigyan Parishad Prayagraj
- Life member of Chemical Society, CMP College Prayagraj
- Life member of AUCCTA

OTHER ACTIVITIES/RESPONSIBILITIES:(ACADEMIC/ADMINISTRATIVE)

- Core Committee Member of Admission Committee Allahabad University
- Member of UGC-Allahabad University Coordination Committee
- CPIO, CMP College Prayagraj

REVIEWERS OF JOURNAL :

SI No.	Review of Journals
1	Journal of Agricultural and Food Chemistry (USA-ACS Publication)
2	Letters in Drug Design & Discovery (Bentham Science Publishers)
3	Journal of Food Processing & Technology (OMICS Publishing Group 5716 Corsa Ave., Suite 110 Westlake, Los Angeles)
4	Journal of Chemical Technology & Biotechnology (John Wiley and Sons Ltd. Publication)
5	Indian Journal of Chemistry Sec B (NISCAIR, New Delhi, India)

AWARDS / PRIZES/ HONOURS/ RECOGNITIONS:

Sl. No.	Name of the Award / Fellowship	Awarding Institute/ Organization	International/ National	Date Awarded
1	Young Scientist Award	EMERGING SCIENCE SOCIETY, PRAYAGRAJ	NATIONAL	13.05.2018
2	Young Scientist Associate Award	Emerging Science Society, Prayagraj	National	14.05.2019
3	First Prize for oral Presentation in Chemical Science	Indian Science Congress Association, Allahabad Chapter, organised National Seminar on "Future India: Science and Technology" during 22 Feb. to 24 Feb 2018 held at Department of Chemistry, University of Allahabad	National	22 Feb. to 24 Feb 2018

ORIENTATION/ INDUCTION/ REFRESHER/ WINTER/ SUMMER SCHOOL/ SHORT TERM COURSE/ WORKSHOPS

ATTENDED (ONLY UGC RECOGNIZED, Attach Certificates)

Sl. No.	Particulars	Duration		Organizer
		From	To	
01	120th Orientation Programme	25- July, 2018	21 – August, 2018	University Grants Commission, UGC-Human Resource Development Centre, University of Allahabad (UGC Sponsored Orientation Course)
02	Refresher Course in Chemistry	10th – December 2019	23rd - December 2019	University Grants Commission, UGC-Human Resource Development Centre, University of Allahabad (UGC Sponsored Refresher Course)

ANY OTHER TRAINING PROGRAM/ QIP/ FIP/FDP etc. ATTENDED: (Attach certificates)

Sl. No.	Particulars	Duration		Organizer
		From	To	
01	Online Faculty Development Program on "Management of online Teaching and Learning System with MOOCs"	17th – August 2020	21st August 2020	Teaching Learning Centre, Indian Institute of Technology (BHU) Varansi U.P. India
02	Seven days "Inter-disciplinary E-Workshop on Bioinformatics and Computational Biology: Introduction and Approaches" conducted as a part of Faculty Development Program	9th–December 2020	15th- December 2020	Botany, Zoology and Chemistry, CMP. Degree College University of Allahabad
03	One week Online International Faculty Development Programme for Chemistry Teachers on "TRADITIONAL CLASSROOM TO VIRTUAL LAB: IMPROVISATION OF	27th January 2021	2nd Feb 2021	Department of Chemistry, Anwarul Uloom College (Autonomus)

	TEACHING & LEARNING CHEMISTRY"			
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INVITED LECTURES / RESOURCE PERSON/ PAPER PRESENTATION IN SEMINARS/ CONFERENCES/ FULL PAPER IN CONFERENCE PROCEEDINGS (Paper presented in Seminars/ Conferences and also published as full paper in Conference Proceedings will be counted only once)

Sl. No.	Title	Name of the Event	Invited/ Oral/Poster	Organizer/ Institute	Duration	International (Abroad)/ International (within country) / National / State / University level
1	A study of Prayagraj	DST (SERB) Sponsored National Conference on Role of Modern Biological Sciences for Enhancing Farmers' Economy & welfare of the Society	Invited Lecture	RRPG College UP in collaboration with ICAR-KVK Sitapur	12-13 Nov 2018	National
2	An efficient route for Synthesis of tetrahydro-2H-pyrazolo[3,4-d]thiazolo in aqueous medium	National Seminar on "Future India: Science and Technology	Oral Presentation	Indian Science Congress Association, Allahabad Chapter, held at Department of Chemistry, University of Allahabad	22-24 Feb 2019	National
3	Synthesis of Antifungal activity	National Seminar on Faculty, Academic Parameters and Organizational Performance	Oral Presentation	Faculty development Centre (PMMMNMTT scheme, Ministry of HRD, Govt of India) Iswar Saran PG College, Prayagraj	10-11 March 2019	National
4	Adulteration of milk	National Seminar on Innovative Frontiers in Applied Science Organized by	Lecture	Chemical Society, Department of Chemistry, CMP College Prayagraj in collaboration with Vijnana Parishad Prayag (Local Chapter) Prayagraj	26-28 September 2019	National
5	Novel fungicide	107th The Indian Science Congress Association, held at University of Agricultural Sciences Bangalore	Poster No. 229	Held at University of Agricultural Sciences Bangalore	3 to 7 Jan. 2020	International (within Country)

MISCELLANEOUS INFORMATION/OTHER ACTIVITY:

In-charge of Instrumentation Lab (NABL accredited Lab for testing of quality of food & water) since 01.02.2010 to 08.02.2018 now at Centre of Food Technology, University of Allahabad

Dr. Pravin K. Singh

LIST OF PUBLICATIONS 2023

DR. PRAVIN KUMAR SINGH

ANNEXURE - I

PAPERS PUBLISHED/ ACCEPTED IN REFERRED JOURNALS

(NO. OF PAPERS PUBLISHED - 56)

1. Ibadur R. Siddiqui, **Pravin K. Singh**, Jaya Singh and Jagdamba Singh, Synthesis and Fungicidal Activity of Novel 4,4'-bis(2''-aryl-5''-methyl/ unsubstituted-4''-oxo-thiazolidin-3''-yl)bibenzyl, *Journal of Agricultural and Food Chemistry (USA-ACS Publication)*, **2003**, 51(24), 7062-7065.
Publisher : American Chemical Society
ISSN : 0021-8561
Impact factor : 5.279 (2021)
Citing references : 36
2. Ibadur R. Siddiqui, Jaya Singh, **Pravin K. Singh** and Jagdamba Singh, Microwave Assisted Facile Synthesis of Heteryl Analogues of Fungitoxic Bibenzyl, *Indian Journal of Heterocyclic Chemistry*, **2004**, 13, 365-368.
ISSN : 0971-1627
Impact factor : 0.169
Citing references : 05
3. Ibadur R. Siddiqui, **Pravin K. Singh**, Jaya Singh and Jagdamba Singh, Three-component solvent-free diastereoselective formation of oxo-thiazolidinylthiazoles under microwave irradiation, *Journal of Chemical Research(US)*, **2004**, 8, 554-555.
Publisher : Science Reviews
ISSN : 1747-5198
Impact factor : 0.782 (2021)
S.No. of Journal Notified By UGC : 21835
Citing references : 10
4. Ibadur R. Siddiqui, Jaya Singh, **Pravin K. Singh**, Smriti Dwivedi, Pawan K. Shukla and J. Singh, Microwave induced expeditious synthesis and fungicidal activity of novel heterocyclic bibenzyl, *Indian Journal of Heterocyclic Chemistry*, **2005**, 14(3), 231-234.
ISSN : 0971-1627
Impact factor : 0.169
Citing references : 05
5. Ibadur R. Siddiqui, Smriti Dwivedi, Archana Srivastava, Pawan K. Shukla and **Pravin K. Singh**, Synthesis of 4,4'-bis(thiadiazolyl/ triazolylmethoxy)bibenzyls as antifungal agents, *Indian Journal of Heterocyclic Chemistry*, **2005**, 14(3), 251-252.
ISSN : 0971-1627
Impact factor : 0.169
Citing references : 00
6. Ibadur R. Siddiqui, Jaya Singh, **Pravin K. Singh**, and Jagdamba Singh, Synthesis of potential fungicidal bibenzyls from bio-renewable source, *Indian Journal of Chemistry*, **2005**, 44B, 1460-1464.
Publisher : NISCAIR
ISSN : 0376-4699
S.No. of Journal Notified By UGC : 20733
Impact factor : 0.592 (2021)
Citing references : 03

7. Ibadur R. Siddiqui, **Pravin K. Singh**, Jaya Singh and Jagdamba Singh, Facile Synthesis and fungicidal Activity of Novel 4,4'-bis[2''-(5'''-substituted rhodanin-3'''-yl)thiazol-4''-yl]bibenzyls, *Indian Journal of Chemistry*, **2005**, *44B*, 2102-2106.
- Publisher : NISCAIR
 ISSN : 0376-4699
 S.No. of Journal Notified By UGC : 20733
 Impact factor : 0.592 (2021)
 Citing references : 13
8. **Pravin K. Singh**, Vishal Srivastava, J. Singh and Ibadur R. Siddiqui, Novel clay-catalysed expeditious cyclisation to bis-benzothiazipene, *Indian Journal of Chemistry*, **2005**, *44B(10)*, 2178-2182.
- Publisher : NISCAIR
 ISSN : 0376-4699
 S.No. of Journal Notified By UGC : 20733
 Impact factor : 0.592 (2021)
 Citing references : 07
9. Ibadur R. Siddiqui, Smriti Dwivedi, Pawan K. Shukla and **Pravin K. Singh**, Synthesis and fungicidal activity of 4,4'-bis[2''-arylthiazolo[4,3-*b*]-1,3,4-oxadiazol-5''-yl)methoxy]bibenzyls, *Journal of the Indian Chemical Society*, **2006**, *81*, 89-93.
- Publisher : Indian Chemical Society
 ISSN : 0019-4522
 Impact factor : 0.233 (2021)
10. Ibadur R. Siddiqui, **Pravin K. Singh**, Jaya Singh and Jagdamba Singh Environmentally benign synthesis and fungicidal activity of heteryl analogues of bibenzyl, *Indian Journal of Heterocyclic Chemistry*, **2006**, *15*, 375-378.
- ISSN : 0971-1627
 Impact factor : 0.169
 Citing references : 04
11. Ibadur R Siddiqui and **Pravin K. Singh**, Novel one-pot synthesis of 1,3-dithiins and 1,3-thiazines under microwave irradiation, *Indian Journal of Chemistry*, **2007**, *46B*, 499-504.
- Publisher : NISCAIR
 ISSN : 0376-4699
 Impact factor : 0.689
12. Ibadur R Siddiqui, **Pravin K. Singh**, Vishal Srivastava and J. Singh, Clay-catalysed high-speed synthesis of thiaziazepine in one-pot, *Indian Journal of Chemistry*, **2007**, *46B*, 1716-1720.
- Publisher : NISCAIR
 ISSN : 0376-4699
 Impact factor : 0.689
13. Ibadur R Siddiqui, Siraj A. Siddique, **Pravin K. Singh**, Vishal Srivastava and J. Singh, A novel anthranilic acid based multi-component strategy for expeditious synthesis of 4(3*H*)-quinazolinone *N*-nucleosides, *Arkivok*, **2008**, (xii), 277-285.
- Publisher : ARKAT USA
 ISSN : 1551-7004
 Impact factor : 1.253 (2021)
 Citing references : 06
14. Ibadur R Siddiqui, Vishal Srivastava and **Pravin K. Singh**, Mineral - supported facile synthesis of novel 4-hydroxybenzoxazin-2-thione *N*-nucleosides, *Nucleosides, Nucleotides & Nucleic Acids*, **2008**, 27(8), 992–1000.
- Publisher : ARKAT USA
 ISSN : 1525-7770
 Impact factor : 1.167 (2021)
 Citing references : 05

15. **Pravin K. Singh** and Ibadur R Siddiqui, A new versatile strategy for design and synthesis of reduced risk fungicides: bibenzyl core incorporated with modified as-indacene, *Indian Journal of Chemistry*, **2009**, *48B*, 1013-1018.
- Publisher : NISCAIR
 ISSN : 0376-4699
 S.No. of Journal Notified By UGC : 20733
 Impact factor : 0.689
 Citing references : 01
16. Ibadur R Siddiqui, **Pravin K. Singh**, Vishal Srivastava, Sanjay Yadav and J. Singh, A novel versatile strategy for synthesis of new series of 4(3*H*)-quinazolinone *N*-nucleosides, *Indian Journal of Chemistry*, **2010**, *49B*, 1535-1541.
- Publisher : NISCAIR
 ISSN : 0376-4699
 Impact factor : 0.689
 Citing references : 02
17. Ibadur R Siddiqui, Archan Singh, Shayna Shamim, Vishal Srivastava, **Pravin K. Singh**, Sanjay Yadav and Rana K Singh, Recyclable Indium(III) Chloride Catalyzed Site-Selective Double Substitution in One Pot for the Synthesis of Isatin *N*-Ribonucleosides under Microwave Irradiation, *Synthesis*, **2010**, 1613-1616.
- Publisher : Thieme Germany
 ISSN : 0039-7881
 Impact factor : 3.157 (2021)
 Citing references : 09
18. Ibadur R Siddiqui, **Pravin K. Singh**, Vishal Srivastava, J. Singh, Facile synthesis of acyclic analogues of carbocyclic nucleoside as potential anti HIV prodrug, *Indian Journal of Chemistry*, **2010**, *49B*, 512-520.
- Publisher : NISCAIR
 ISSN : 0376-4699
 Impact factor : 0.689
 Citing references : 04
19. Shradha Pandey, **Pravin K. Singh**, I R Siddiqui and Jagdamba Singh, Synthesis and antiviral activity of 2-aryl substituted benzalamino)-4-(3*H*)-quinazolinones, *Journal of the Indian Chemical Society*, **2011**, *88*, 835-839.
- Publisher : Indian Chemical Society
 ISSN : 0019-4522
 Impact factor : 0.251
20. I. R. Siddiqui, **Pravin K. Singh**, Vishal Srivastava, Shayna Shamim and J Singh, A Novel versatile strategy for synthesis of new series of thiazolo-triazine *N*-nucleosides, *Indian J Chem Sec B.*, **2012**, *51B*, 871-879.
- Publisher : NISCAIR
 ISSN : 0376-4699
 Impact factor : 0.689
21. **Pravin K. Singh**, Synthesis and Fungicidal Activity of Novel 3-(substituted/unsubstituted phenylselenonyl)-1-ribose/ deoxyribose-1*H*-1,2,4-triazole, *Journal of Agricultural and Food Chemistry (USA-ACS Publication)*, **2012**, *60*, 5813-5818.
- Publisher : American Chemical Society
 ISSN : 0021-8561
 Impact factor : 5.279 (2021)
 Citing references : 36
22. B. Vivek, J. Masih, LCT Eusebius, **Pravin K. Singh**, J. Singh, A new phytochemical constituent from the *Cassia tora*, *International Journal of Research in Phytochemistry & Pharmacology (An open access International peer-reviewed Journal)*, **2013**, *3(1)*, 31-34.
- ISSN : 2231-010X
 S.N. in UGC approved Journal list : 45476
 Publisher : J K Welfare & Pharmascope Foundation

23. **Pravin K. Singh**, Deepa Chauhan, Ibadur R Siddiqui & J Singh, Environmentally benign clay-catalysed facile synthesis of *N*-nucleoside, *Indian J Heterocyclic Chemistry.*, **2013**, *22*, 399-406.
 ISSN : 0971-1627
 Impact factor : 0.169
24. Shahin Fatma, Divya Singh, Priya Mishra, **Pravin K. Singh**, Preyas Ankit and J. Singh, Novel, versatile and eco-compatible preparation of new 6-(1H-indol-3-yl)-2-oxo-4-aryl-1,2,3,4-tetrahydropyrimidine-5-carbonitriles in water, *Journal of Chemical Research(US)*, **2013**, 642-644.
 Publisher : Science Reviews
 ISSN : 1747-5198
 Impact factor : 0.596
25. Shahin Fatma, **Pravin K. Singh**, Preyas Ankit, Shireen, Mandavi Singh and J. Singh, Thiamine hydrochloride as a promoter for the efficient and green synthesis of 12-aryl-8,9,10,12 tetrahydrobenzoxanthene-11-one derivatives in aqueous micellar medium, *Tetrahedron Letters*, **2013**, *54*, 6732-6736.
 Publisher : Elsevier
 ISSN : 0040-4039
 Impact factor : 2.379 (2021)
26. Shahin Fatma, Divya Singh, Priya Mishra, **Pravin K. Singh**, Preyas Ankit, Mandavi Singh and J. Singh, Nucleophilic heterocyclic carbene promoted one pot multicomponent synthesis of New 6-(1H-indol-3-yl)-2-oxo-4-aryl-1,2,3,4 tetrahydropyrimidine-5-carbonitrile: An eco-compatible approach with PEG as biodegradable medium, *RSC Advances*, **2013**, *3*, 22527-22531.
 Publisher : RSC
 ISSN : 2046-2069
 Impact factor : 3.36 (2021)
27. Harikant, Vivek Bhadauria, Priyanka Maurya, **Pravin K. Singh** and J. Singh, A new flavone glycoside from the root of *Sida rhombifolia*, *Journal of the Indian Chemical Society*, **2013**, *90*, 2263-2266.
 Publisher : Indian Chemical Society
 ISSN : 0019-4522
 Impact factor : 0.251
28. Vishal Srivastava, **Pravin K. Singh** and Praveen P. Singh, Microwave-mediated InCl₃-catalyzed three-component annelation of thiadiazine ring onto 4-amino-4H-[1,2,4]triazole-3-thiol, *Chemistry of Heterocyclic Compounds*, **2014**, *50(4)*, 573-578. (*Russian Original Vol. 50, No. 4, April, 2014*).
 Publisher : Springer
 E-ISSN : 15738353
 S.No. of Journal Notified By UGC : 5528
 Impact factor : 1.12 (2021)
29. Vishal Srivastava, **Pravin K. Singh** and Praveen P. Singh, Novel one-pot Facile Synthesis of Thiopyranopyrazole Using [H mim]HSO₄ Catalyst, *Croatia Chemica Acta*, **2014**, *87 (2)*, 91-95.
 ISSN : 00111643
 S.N. in UGC approved Journal list : 14034
 Publisher : Croatian Chemical Soc.
 Impact Factor : 0.887 (2020)
30. Vishal Srivastava, **Pravin K. Singh** and Praveen P. Singh, Eosin Y Catalyzed Visible-light-promoted One -Pot Facile Synthesis of 1,3,4-Thiadiazole, *Croatia Chemica Acta*, **2015**, *88 (1)*, 59-65.
 ISSN : 00111643
 S.N. in UGC approved Journal list : 14034
 Publisher : Croatian Chemical Soc.
 Impact Factor : 0.887 (2020)

31. Vishal Srivastava, **Pravin K. Singh** and Praveen P. Singh, *Eosin Y Catalyzed Visible-light-promoted Aerobic Oxidative Cyclization of 2-Aminobenzothiazole*, *Croatica Chemica Acta*, **2015**, 88 (3), 227-233.
 ISSN : 00111643
 S.N. in UGC approved Journal list : 14034
 Publisher : Croatian Chemical Soc.
 Impact Factor : 1.19
32. Vishal Srivastava, **Pravin K. Singh** and Praveen P. Singh, *Trifluoromethylation of Disubstituted Morpholines by Metal-Free visible Light Photoredox Catalysis*, *Asian Journal Chemistry*, **2016**, 28 (10), 2159-2163.
 ISSN : 09707077
 S.N. in UGC approved Journal list : 8774
 Publisher : Chemic Publishing Co.
 Impact Factor : 0.15 (2021)
33. Vishal Srivastava, **Pravin K. Singh**, Surbhi Sinha and Praveen P. Singh, *[bmim]OH Catalyzed four component one-pot synthesis of imidazo[4,5-c]pyrazole-2thione-N-Nucleosides*, *Revue Roumaine de Chimie*, **2016**, 61(10), 755-761.
 ISSN : 00353930
 S.N. in UGC approved Journal list : 22598
 Publisher : Editura Acad Romane
 Impact Factor : 0.381 (2021)
34. **Pravin K. Singh** and Nidhi Srivastava, *Boric acid catalyzed novel synthesis of 2,3,5,6-tetraryl-3,3a,5,6-tetrahydro-2Hpyrazolo[3,4-d]thiazole in aqueous medium*, *Advanced Scientific Research*, **2016**, 1(1), 1–5.
 ISSN: 2456-7744.
35. Smriti Dwivedi and **Pravin K. Singh**, *Synthesis and Fungicidal Activity of Bioactive 4,4'-bis(4'-(N-Benzylidinyllamine)-3''-mercapto-1'', 2'',4''-triazole-5''-yl-methoxy] dibenzyl*, *Asian Journal Chemistry*, **2017**, 29(1), 19-21(Online oct 2016).
 ISSN : 09707077
 S.N. in UGC approved Journal list : 8774
 Publisher : Chemic Publishing Co.
36. Vishal Srivastava, **Pravin K. Singh** and Praveen P. Singh, *Visible Light Promoted Allylic C–H Oxidation*, *Croatica Chemica Acta*, **2017**, 90 (3), 1-7.
 ISSN : 00111643
 S.N. in UGC approved Journal list : 14034
 Publisher : Croatian Chemical Soc.
 Impact Factor : 0.82 (2021)
37. Vishal Srivastava, **Pravin K. Singh**, Sudhanshu Kanaujia and Praveen P. Singh, *Photoredox catalyzed synthesis of amino alcohol*, *New J. Chem. (Royal Society of Chemistry)*, **2018**, 42, 688-691.
 ISSN : 11440546
 S.N. in UGC approved Journal list : 37740
 Publisher : Royal Society of Chemistry
 Impact Factor : 3.26
38. **Pravin K. Singh**, Praveen P. Singh and Vishal Srivastava, *Facile Aerobic Photo-Oxidative Synthesis of Sulfinic Esters*, *Croat. Chem. Acta*, **(2018)**, 91(3), 383–387.
 ISSN: 0011-1643, DOI: 10.5562/cca3401.
 ISSN : 00111643
 S.N. in UGC approved Journal list : 14034
 Publisher : Croatian Chemical Soc.
 Impact Factor : 0.82 (2021)
39. **Pravin K. Singh**, Praveen P. Singh and Vishal Srivastava, *Recent synthetic applications of metal catalysis in combination of photocatalysis*, *Advanced Scientific Research*, **2018**, 3(1), 17–23, ISSN: 2456-7744.

40. Vishal Srivastava, **Pravin K. Singh** and Praveen P. Singh, Visible light photoredox catalysed amidation of carboxylic acids with amines, *Tetrahedron Letters*, ISSN: 0040-4039, (2019), 60, 40-43, DOI: doi.org/10.1016/j.tetlet.2018.11.050.
 Publisher : Elsevier
 ISSN : 0040-4039
 Impact factor : 2.396
 DOI : doi.org/10.1016/j.tetlet.2018.11.050
41. Vishal Srivastava, **Pravin K. Singh** and Praveen P. Singh, Photocatalysed eosin Y mediated C(sp³)-H alkylation of amine substrates via direct HAT, *Tetrahedron Letters*, 60, 2019, 1333-1336, ISSN: 0040-4039, DOI: https://doi.org/10.1016/j.tetlet.2019.04.016.
 Publisher : Elsevier
 ISSN : 0040-4039
 Impact factor : 2.396
 DOI : https://doi.org/10.1016/j.tetlet.2019.04.016
42. Vishal Srivastava, **Pravin K. Singh**, and Praveen P. Singh, Eosin Y catalysed visible-light mediated aerobic oxidation of tertiary amines, *Tetrahedron Letters*, 2019, 60, 151041.
 Publisher : Elsevier
 ISSN : 0040-4039
 Impact factor : 2.396
 DOI : doi.org/10.1016/j.tetlet.2018.11.050
43. Vishal Srivastava, **Pravin K. Singh**, and Praveen P. Singh, Visible Light Promoted Synthesis of Disubstituted 1,2,3-Thiadiazoles, *Romanian Journal of Chemistry*, 2020, 65(3), 221-226.
 ISSN: 0035-3930
 Impact Factor: 0.28
44. Vishal Srivastava, **Pravin K. Singh**, Arjita Srivastava and Praveen P. Singh, Recent application of visible-light induced radicals in C-S bond formation: A Review, *RSC Advances*, 2020, 7, 20046-20056.
 ISSN: 20462069
 Impact Factor: 3.361
45. Arjita Srivastava, **Pravin K. Singh**, Akram Ali, Praveen P. Singh and Vishal Srivastava, Recent applications of Rose Bengal catalysis in N- heterocycles: A short review, *RSC Advances*, 2020, 10, 39495-39508
 ISSN: 20462069
 Impact Factor: 3.361
46. Vishal Srivastava, **Pravin K. Singh**, Arjita Srivastava and Praveen P. Singh, Synthetic applications of flavin photocatalysis: a review, *RSC Advances*, 2021, 11, 14251-14259.
 ISSN: 20462069
 Impact Factor: 3.361
47. Praveen P. Singh, **Pravin K. Singh**, Mohd. Zaheeruddin Beg, Akanksha Kashyap and Vishal Srivastava, Recent applications of photoredox catalysis in O-heterocycles: A short review, *Synthetic Communications*, 2021, 51(19), 3033-3058, doi.org/10.1080/00397911.2021.1968907
 ISSN: 00397911, 15322432
 Impact Factor: 2.007
48. Vishal Srivastava, **Pravin K. Singh**, Arjita Srivastava, Surabhi Sinha and Praveen P. Singh, Recent Advances of Dicyanopyrazine (DPZ) in Photoredox Catalysis, *Photochem*, 2021, 1, 237-246.
 ISSN: 2673-7256
49. Vishal Srivastava, **Pravin K. Singh**, and Praveen P. Singh, Recent advances of visible-light photocatalysis in the functionalization of organic compounds: A Review, *Journal of Photochemistry & Photobiology, C: Photochemistry Reviews*, 2022, 50, 100488.
 ISSN: ISSN: 2673-7256
 Impact Factor: 17.167
50. Vishal Srivastava, **Pravin K. Singh**, and Praveen P. Singh, Visible light photocatalysis in the synthesis of pharmaceutically relevant heterocyclic scaffolds,

Organic Chemistry Frontiers, 2022, 9, 1485-1507.

ISSN: 2052-4129, Impact Factor: 5.281

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