

**Dr. AKEEL AHAMD**  
**M.Sc, Ph.D.**

Behind Himalaya Timber,  
Deewan Bazar  
Gorakhpur, 273001  
Mob: 07379323262, 7991945496  
[akeelchemist@gmail.com](mailto:akeelchemist@gmail.com)

---

- At Present** : **Assistant Professor Deptt. Of Chemistry Mirza Ghalib College Gaya Bihar**
- Research Experience** : Five years in the field of synthetic organic chemistry. I have completed my Ph.D work under the supervision Of Prof. O. P. Pandey, Chemistry Department, DDU Gorakhpur University, Gorakhpur, India
- Technological skill** : Synthesis and characterization of organic compounds, Separation Techniques (TLC, Column Chromatography etc).

#### **Academic Profile**

- Research Title (Ph.D)** : **Studies On Heterocyclization Via Michael Addition Reaction (Synthesis And Biological Activity)** under the supervision of **Prof. O .P. Pandey**, Chemistry department, DDU Gorakhpur University, Gorakhpur, India.
- Pre Ph.D. course** : From D.D.U Gorakhpur University, Gorakhpur in year **2013**
- M.Sc. (Chemistry)** : From D.D.U Gorakhpur University, Gorakhpur in year **2008**
- B.Sc (Bio Group)** : From D.D.U Gorakhpur University, Gorakhpur in year **2005**
- Intermediate (10+2)** : From U.P Board in year **2002**
- High School (10th)** : From U.P Board in year **2000**
- Others** : Qualified RET (Research Eligibility Test)-2008 Of D.D.U Gorakhpur University, Gorakhpur.
- Working knowledge of computer like MS word , Power point, Excel.

- Scholarship :** UGC – Project Fellowship (2009-2012)  
DSA - BSR Fellowship (2012-2014).
- Membership :** Life member of Indian Science Congress  
Association Kolkata (Membership no. L17734)
- Awards :**
1. **Appriciation certificate from All India Radio Gorakhpur for presented a talk on Atomic Structure**
  2. **2<sup>nd</sup> Best oral presentation award in International in Dept. Of Chemistry, conference in Tamilnadu in 2021**
  3. **2<sup>nd</sup> Best oral presentation award in National conference in in Dept. Of Chemistry, DDU Gorakhpur University 2015**
  4. **3<sup>rd</sup> Best oral presentation award in National conference in in Dept. Of Chemistry, DDU Gorakhpur University 2014**
  5. **2<sup>nd</sup> Best oral presentation award in National conference in Dept. Of Chemistry, St. Andrews P.G College Gorakhpur 2016**
  6. **2<sup>nd</sup> Best oral presentation award in National conference in Dept. of Chemistry, Marwar P.G College Gorakhpur 2015**
  7. **2<sup>nd</sup> Best oral presentation award in National conference in Dept. of Physics, DDU Gorakhpur University 2015**

**Teaching experience:**

1. Working as an **Assistant Professor in department of Chemistry Mirza Ghalib College Gaya Bihar from Feb 2021 to till now**
2. Taught UG as well as PG students in Akhilbhagya P.G College Ranapar, Gorakhpur from **Sep. 2015 to 25<sup>th</sup> Feb 2021**
3. Taught B.Sc 3<sup>rd</sup>, B.sc 2<sup>nd</sup> and M.Sc I&II students in Marwar Business School, Gorakhpur from **april 2014 to August 2015**
4. Taught B.Sc 3<sup>rd</sup> year organic chemistry & inorganic chemistry 2013-2014 batch in D.D.U Gorakhpur University
5. Taught B.Sc 2<sup>nd</sup> year Industrial chemistry **2013-2014 batch** in D.D.U, Gorakhpur University
6. Taught and supervised M.Sc final organic chemistry practical since **2010 to Jan 2014** D.D.U Gorakhpur Unive

### List of Publications

1. A high-atom economic and one-pot facile synthesis of active antimicrobial 2,4-disubstituted aryl-2*H*-pyrido / pyrimido[1,2-*a*]pyrimidines scaffold: a Michael addition approach **Journal of Applicable Chemistry** **2013, 2 (4):958-966** **Akeel Ahamd**, O.P. Pandey, Sarvesh K. Pandey and Nizamuddin
2. Polyethylene Glycol Mediated, One-Pot, Three-Component Synthetic Protocol for Novel 3-[3-Substituted-5-mercapto-1,2,4-triazol-4-yl]-spiro-(indan-10,2-thiazolidin)-4-ones as New Class of Potential Antimicrobial and Antitubercular Agents **Journal of Heterocyclic Chemistry DOI 10.1002/jhet.1605 (in press)** Sarvesh Kumar Pandey, **Akeel Ahamd**, O. P. Pandey, and Nizamuddin
3. Synthesis and fungicidal activities of some 2- aryl-5-[phthalimido substituted methyl] 2, 5-bis [phthalimido substituted methyl]-1,3,4- oxadiazoles **Journal of Applicable Chemistry** **2013, 2 (4):717-721** Shailendra Tiwari<sup>1\*</sup> **Akeel Ahamad**<sup>2</sup> and Shafquat Alauddin<sup>2</sup>
4. Synthesis and pesticidal activities of some bis – [2- (substituted phenyl)-thiazolidin-4- one-3-yl] thioureas/ bis- [(2-methyl-2-2 substituted phenyl)-thiazolidin -4- one -3-yl ] thioureas **Journal of Applicable Chemistry** **2013, 2 (5):1402-1406** Shailendra Tiwari<sup>1\*</sup> and **Akeel Ahmad**<sup>2</sup>
5. Synthesis of some 2-[2,4'-dioxo-spiroindole-3,2'-thiazolidin-3'-yl] alkanonic acid/3-substituted indolo[2,3-*b*]oxazin-2-ones and 3- substituted arylideneindolo[2,3-*b*]oxazin-2-ones as fungicides **Indian Journal of Chemistry Vol. 52B, March 2014, pp.352-355** Shailendra Tiwari<sup>\*a</sup>, **Akeel Ahamad**<sup>b</sup> & Shafqat Alauddin<sup>b</sup>
6. Synthesis of some 10-aryl- 6-arylidene cyclohexane [2,1-*e*] pyrimido [1,2-*a*] pyrimidines /3 -aryl- 7- arylidene cyclohexane [2,1-*d*] iso-oxazoline / 1,7-diaryl - 3- arylidene cyclohexane [2,1-*d*]pyrazolines and 7-aryl-3-arylidene-1-(2-chlorobenzoyl) cyclohexane[2, 1-*d*]pyrazolines as pesticides. **International Journal of Pharmaceutical Science and Health Care Issue 4, Vol. 5. Sep.-Oct 2014** Shailendra Tiwari\*, Akhilesh Kumar\*\*, **Akeel Ahamad\*\*\***
7. Synthesis of some 3,5-disubstituted phenyl-5,6-dihydrofuro[2,3-*d*]thiazol-2(3*H*)-ylidene) imines as potential pesticides **Received 29 September 2015; accepted (revised) 13 June 2016** Shailendra Tiwari<sup>\*a</sup>, Kamal Pratap Singh<sup>a</sup> & **Akeel Ahamd**<sup>b</sup>
8. Synthesis and fungicidal activities of some 2- aryl-5-[phthalimido substituted methyl] 2, 5-bis [phthalimido substituted methyl]-1,3,4-oxadiazoles **Journal of Applicable Chemistry** **2013, 2 (4):717-721** Shailendra Tiwari<sup>1\*</sup> **Akeel Ahamad**<sup>2</sup> and Shafquat Alauddin<sup>2</sup>
9. An efficient synthesis of 1, 4- disubstituted-3-methyl pyrazolo [4, 3-*e*]-pyrido [1, 2-*a*] pyrimidines *via* Michael addition and cycloelimination reactions **Indian Journal of Chemistry Vol. 60B, September 2021, pp. 1258-1263** Shailendra Tiwari<sup>\*a</sup> & **Akeel Ahamd**<sup>b</sup>
10. Spiro-heterocycles: A convenient synthesis and antimicrobial activity of some 3-(5-aryl/aryloxymethyl-1,3,4-thiadiazol-2-yl)-spiro-cyclohexane-1',2-thiazolidin-4-ones **Indian Journal of Chemistry Vol. 60B, November 2021, pp. 1490-1495** Kahkashan Beguma, **Akeel Ahmad**<sup>b</sup> & Shailendra Tiwari<sup>\*c</sup>
11. Synthesis of some *N*-(5-phenyl/4-chloro phenyl-3-substituted-*o*-tolyl-5,6-dihydrofuro[2,3-*d*]thiazol-2(3*H*)-ylidene) imines as potential pesticides **Indian Journal of Chemistry Vol. 55B, August 2016** Shailendra Tiwari<sup>\*a</sup>, Kamal Pratap Singh<sup>a</sup> & **Akeel Ahamd**<sup>b</sup>

12. Spiro-heterocycles containing 1,3,4-oxadiazole: A convenient synthesis of 3-(5-substituted phenyl-1,3,4-oxadiazole-2-yl)-5,8-dithiaspiro[3,4]-octan-2-ones and 1,4-dithia-6-azaspiro[4,4]-nonan-7-ones **Indian Journal of Chemistry Vol. 57B, August 2018** Shailendra Tiwari\*<sup>a</sup>, Kamal Pratap Singh<sup>a</sup>, Poonam Pathak<sup>a</sup> & **Akeel Ahmad<sup>b</sup>**
13. One-pot two-step facile synthesis of new 6,7-dihydro-1*H*-pyrazolo [3,4-*b*] pyridine-5-carbonitrile hybrids as antimicrobial agents **Indian Journal of Chemistry Vol. 58B, December 2019, pp 1407-1412** Shailendra Tiwari\*<sup>a</sup> & **Akeel Ahmad<sup>b</sup>**
14. A one pot, efficient and eco-friendly synthesis of 1,3,4-thiadiazolo[3,2-*a*] pyrimidine scaffold *via* Aza-Michael addition and intramolecular cycloelimination reactions in poly ethylene glycol (PEG) **Indian Journal of Chemistry Vol. 59B, May 2020, pp. 724-729** **Akeel Ahmad<sup>a</sup>** & Shailendra Tiwari\*<sup>b</sup>
15. Domino [3+3] annulations *via* Michael addition in polyethylene glycol (PEG-400): direct entry to functionalized thiazolo[3,2-*a*]pyrimidine scaffold ,**New Journal of Chemistry (communicated)** **Akeel Ahamd**, S. K. Pandey, O. P. Pandey, Nizamuddin\*
16. Novel quinazolinone derivatives as potent antimicrobial agents **European Journal of Medicinal Chemistry (communicated)** Sarvesh Kumar Pandey, **Akeel Ahamd**, Abhishek Singh, O. P. Pandey , Nizamuddin

#### Conferences / Symposia:

1. **Participated in a national conference on Thermodynamic as a living and non-living system**, Chemistry department, D.D.U Gorakhpur University.
2. **Participated in a national conference on A recent trend in Chemical Sciences**, St. Joseph College for Women, Gorakhpur
3. **Participated in Indian Science Congress in 2012** ,KIIT, Bhuvneshwar
4. **Presented a paper in 99<sup>th</sup> Indian Science Congress in 2012** KIIT, Bhuvneshwar
5. **Participated in 1<sup>st</sup> U.P. Science Congress in 2013**,D.D.U Gorakhpur University, Gorakhpur
6. **Participated in Current trends in chemical education** D.D.U Gorakhpur University, Gorakhpur

### Paper Presentations:

1. **Presented a paper in Organic/inorganic functional materials:** A current perspective, Department of Chemistry, D.D.U Gorakhpur University, Gorakhpur
2. **Presented a paper in National seminar on Emerging trends in chemical sciences,** Chemistry deptt. Marwar Business School Gorakhpur
3. **Presented a paper in Current perspectives in chemical science Research (organized under UGC-DSA programme),**D.D.U Gorakhpur University, Gorakhpur
4. **Presented a paper in Current perspectives in chemical science Research (organized under UGC-DSA programme),** D.D.U Gorakhpur University, Gorakhpur
5. Participated in Intellectual property and innovation management in knowledge era
6. **Presented a paper in second international conference Kathmandu symposia in advanced materials,** in Kathmandu, Nepal-2014
7. **Presented a poster in Current trends in chemical education** in chemistry department, D.D.U Gorakhpur University, Gorakhpur
8. **Presented a poster in Organic/inorganic functional materials:** A Current perspective in chemistry department, D.D.U Gorakhpur University, Gorakhpur
9. **Presented a paper in Indian Science Congress in 2015** University of Mumbai, Mumbai
10. **Presented a poster in Role of chemical sciences in national building** in chemistry department, D.D.U Gorakhpur University, Gorakhpur
11. **Presented a poster in Structural chemistry,** in chemistry department, D.D.U Gorakhpur University, Gorakhpur
12. **Presented a paper in National seminar on Recent advances in material research,** Chemistry deptt. Marwar Business School Gorakhpur
13. **Presented a paper in National seminar on Current trends in chemical sciences (UGC, New Delhi),** Chemistry deptt. St. Andrews college Gorakhpur
14. **Presented a paper in National seminar on Current trends in chemical sciences (UPHSEC, Lucknow),** Chemistry deptt. St. Andrews college Gorakhpur
15. **Presented a paper in National seminar on Advanced materials in chemistry (UPHSEC, Lucknow),** Chemistry deptt. St. Andrews college Gorakhpur
16. **Presented a poster in International conference on topic Functional material,** in Physics department, D.D.U Gorakhpur University, Gorakhpur
17. **Presented a poster in Structural chemistry,** in chemistry department, D.D.U Gorakhpur University, Gorakhpur

18. **Presented a poster in Make in India: Contribution of science and technology**, in chemistry department, D.D.U Gorakhpur University, Gorakhpur
19. **Presented a paper in National seminar on Advanced materials and its future prospective**, in Chemistry deptt. Marwar Business School, Gorakhpur
20. **Presented a paper in National seminar on Health and biodiversity**, in Botany deptt. Marwar Business School, Gorakhpur
21. **Presented a poster in Chemistry and Industry**, in chemistry department, D.D.U Gorakhpur University, Gorakhpur
22. **Presented a paper in National seminar on Recent developments and future trends in physical sciences**, in Physics deptt. Marwar Business School, Gorakhpur
23. **Presented a paper in National seminar on 24<sup>th</sup> I.R.E.D Prithivi Parva**, in A.B.P.G College, Gorakhpur
24. **Presented a paper on Structure and dynamics of Biomolecules, International seminar**, in Physics department, D.D.U Gorakhpur University, Gorakhpur
25. **Presented a paper in National seminar on Underutilised plants, Foods Security & Climate Link**, in Botany department, D.D.U Gorakhpur University, Gorakhpur
26. **Presented a paper in National seminar On Science and Technology for specially abled persons**, in chemistry department, D.D.U Gorakhpur University, Gorakhpur
27. **Participated in a Six Days FDP Programme on the topic “ADVANCES IN ANALYTICAL TECHNIQUES” organized by** Department of Chemistry SRM Institute of Science and Technology RAMAPURAM CAMPUS Tamilnadu
28. **Participated in a One Week FDP Programme on the topic “EMERGING TRENDS IN CHEMICAL SCIENCES”** conducted during **23.08.2021 to 28.08.2021.** **organized by** Department of Chemistry Sarnathan College of Engineering Trichurappalli Tamilnadu
29. **Presented a paper in International Workshop On the topic ‘important aspects of organic Chemistry in industrial development**, in chemistry department, IIT Patna on Oct. 29 & 30 2021.
30. **Presented a paper in an International conference on the topic “Chemical research for sustainable development” organized by** Department of Chemistry SRM Institute of Science and Technology RAMAPURAM CAMPUS Tamilnadu on 24 & 25<sup>th</sup> Sep. 2021
31. **Presented a paper in an International conference on the topic “Current Trends in Advanced Chemistry” organized by** Department of Chemistry Sarnathan College of Engineering Trichurappalli Tamilnadu on 20 & 21 Sep. 2021
32. **Presented a paper in an International conference on the topic “Emerging Frontiers in Chemistry” organized by** Department of Chemistry Thiagarajar College, Madurai University on 22 Oct. 2021
33. **Presented a paper in a National conference on the topic “Nanomaterials: Current Trends & Future Applications” organized by** Department of Chemistry Sarnathan College of Engineering Trichurappalli Tamilnadu on 11 & 12 Oct. 2021