



MANUU-POLYTECHNIC,
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DR. AFTAB AHMAD SULAIMAN

CURRENT DESIGNATION/ INVOLVEMENT

Currently working as **Assistant Professor** in MANUU Satellite Campus Darbhanga, School of Technology, Maulana Azad National Urdu University (Central University), Hyderabad, Telangana, India.

AREA OF SPECIALIZATION

Organic Chemistry and Research on Organo-Metallic Compound

ONGOING ACADEMIC RESEARCH/PROJECTS

Co-Coordinator of Unnat Bharat Abhiyan 2.0

INNOVATION WITH FIELD OF STUDY AND COLLABORATIVE EFFORTS

In the Field of study i.e., teaching and learning process, innovative and collaborative efforts have been as follows-

1. Effective communication both in Urdu and English languages
2. Black board works with figure and illustration
3. Focus to students in the class and lecture.
4. To find out weaker students and focus them in tutorial classes.
5. Teaching and learning remains as far as practicable.
6. In the learning process using theory and lab work, site visit/field visit, extracurricular activities (symposium/presentation/assignment/viva and project works etc.
7. Have been actively attending and participation in conferences, training, FDP program, paper presentation, research journal publication, book publication.
8. Always interested in the Area of specialization and teaching applied chemistry last 20 years made me innovative and above all mentioned given collaborative efforts.

ACADEMIC AND ADMINISTRATIVE EXPERIENCE

1. **Member of campus management committee** from 10/10/2013 to till now
2. **Member of constitution of local purchase committee** 19/10/2010 to 06/3/2013 to till now. Again 31/3/2014 and till now
3. **Assistant Proctor** 9/10/2013 to 9/12/2015
4. **Member of local selection committee** 5/8/2010 time to time and till now
5. **Coordinator** 18/5/2010 to 23/8/2013 time to time and till now 26/10/2013
6. **Member of constitution of examination committee** from 19/7/2010 to 18/7/2011
7. **Venue coordinator** of city campus Ekmighat Darbhanga, from 28/2/12 and 21/12/2013 again 31/12/12 to 31/12/2013
8. **Admission counselling committee member** 30 - 31 August 2010 and 1-2 Sep. 2010 for Admission 2010-13
9. Recommendation of **local organization committee** from 11/11/2010 to till now
10. **Member of admission counselling** 3/9/2013 and time to time Conducting the

- polytechnic admission counselling on 30 August 2010 and on 2/9/2010
11. **Procurement of equipments and furniture** from 19 October 2010 to till now
 12. **Member of scholarship disbursement committee** from 13/10/2011 to 30/5/2014
 13. **Examination in charge** to conduct unit tests from 29/4/2009 to 25/5/2011
 14. **Member of disciplinary committee** from 9/2/2009 to 7/4/2010 and continuing till 30/5/2014
 15. **Member of monitoring of student attendance** from 9/2/2009 to 30/5/2014
 16. **Member of examination committee** from 19/7/2010 to 18/7/2011
 17. **Principal In charge** from 5/5/2010 to 9/5/2010
 18. **Principal Incharge** from 21/12/2009 to 26/12/2009
 19. **Principal In charge** from 13/5/2014 to 20/5/2014
 20. **Principal Incharge** from 16/2/2010 to 20/2/2010
 21. **Principal In charge** from 29/11/2010 to 3/12/2010
 22. **In charge principal of polytechnic and ITI** from 26/9/2018 to 15/10/2018.
 23. **In charge principal of polytechnic and ITI** on 30/1/2019
 24. **Member of committee for scrutiny for instructor** in civil Eng. On 10/10/2013 and time to time
 25. **Member as co-coordinator event organizing committee** from 18/7/2014 till now
 26. **Organizer for speech in Maulana Azad day Republic Day** on 11/11/2013, 23-24/01/2014 and time to time
 27. **Member of local selection committee** on 5/8/2010 and time to time
 28. **In charge principal of ITI** during Feb 2017 to April 2017
 29. **Library committee member** from 12/11/2014 to 12/11/2015
 30. **Event organizing committee co-coordinator** from 18/5/2014 to 18/2/2015
 31. **Stock verification committee member** from 23/4/2014 to 23/4/2015
 32. **Campus development committee** from 26/10/2015 to till now
 33. **In charge of the patriotic song** from 20/1/2017 to 20/1/2018 and 3/8/2016 to 3/8/2017
 34. **First aid medical committee member** from 12/1/2016 to 12/1/2017
 35. **Tender document committee member** from 17/2/2016 to 17/2/2017
 36. **In charge of poster making competition** from 4/11/2016 to 4/11/2017
 37. **Record upkeeping committee member** from 9/12/2016 to 9/12/2017 and 2018
 38. **Disposal of damage of glass ware of chemistry lab committee member** from 8/8/2016 to 8/8/2017
 39. **Local purchase committee member** from 4/1/2016 to 4/1/2017
 40. **Internal complain committee co-coordinator** from 18/5/2017 to 18/5/2018
 41. **Smooth functioning section office committee member** from 15/5/2017 to 15/5/2018
 42. **Anti- raging committee co-coordinator** from 18/5/2017 to 18/5/2018
 43. **Training and placement committee motivator** from 18/5/2017 to 18/5/2018
 44. **National science day 2018 convener** from 1/3/2018 to 1/3/2019
 45. **Annual stock verification committee member** from 2017-18
 46. **Azad day 2018 Urdu speech event committee member** on 30/10/2018
 47. **Admission and counselling committee In charge** from 9/7/2018 to 9/7/2019
 48. **Custodian members for lab.** from 21/5/2018 to till now
 49. **Document verification committee member** from 12/7/2019 to 12/7/2020
 50. **Judge in singing competition** on 4/11/2019
 51. **Judge in quotation writing** on 4/11/2019
 52. **Appointment as internal observer to conduct MANUU entrance test 2019-29/5/2019**
 53. **Appointment as invigilator to conduct entrance test 2019-29/5/2019**
 54. **Reconstitution of campus management committee** from 31/1/2019 to till now
 55. **Azad day core committee member** on 6/11/2019
 56. **Assigned on labs. Establishment duty** from 2015 to till now.
 57. **Submission of files and register consumable and non-consumable as an In charge of the Chemistry Departments to the principal** on 19/01/2017

58. **In charge preparation and submission of lecture schedule, lab. Schedule, lecture notes, lab manuals** etc. to the principal on 27/4/2017
59. Duties and examination concerning –internal and final examination -**invigilation, question paper setting, evaluation** 13/12/2019 to till now and previously from the day of inception polytechnic Darbhanga
60. **Academic and administrative committee and responsibility from 13/12/2019 and previously since inception.**
61. **Participated in seminars, conferences, training, talk lecture and membership of association** from 13/12/2019 to till now and previously since inception
62. **Professional and skill development lecture** on behavioural ethics of an employee on 22/10/2018 adopting interactive teaching on blackboard methodology using NTPL/SWAYAM, virtual lab since 2009 to till now. Certified Dated 12/12/2019.
63. Engaged lectures/tutorials and mentoring since 2009 to till now certified dated 12/12/2019
64. **Class co coordinator** from 5/4/2021 to till now
65. **Sports week session** from 29/10/2018 to 31/10/2018 for musical chair girls.
66. **Cultural activity** on subject related events, advisement, UBA, science exhibition and counselling throughout since inception 2009 and certified on 13/12/2019
67. **As polling and presiding officer** in MANUU SINCE INCEPTION 2009.
68. **AS PETROLLING MAGISTRATE in every national, state and panchayat election.**
69. **Students discipline committee** as coordinator since inception 2009, certified on 18/5/2017 to till now.
70. **Cultural event drama as In charge on Azad day** ON 31/10/2019.
71. **Under UBA AS CO - CO ORDINATOR** for green village, green campus model date on 20/1/2020.
72. **In charge of green revolution in campus** 6/2/2020
73. **On visit of Honorable chief minister of Bihar Shree Nitish Kumar as coordinator for model preparation and exhibition**20/2/2020
74. **Constitution committee member of students counselling committee on** 20/10/2020
75. **In charge of discipline committee** on 24/10/2018 on eve of Azad day 2018.
76. **Examination committee member** 5/9/2018 to till now.
77. **Evaluator, scrutiny and moderation** committee member 26/12/2019 to till now
78. **Plantation drive, plastic ban and Swatch Bharat Abhiyan** 2015 to till now in campus.
79. **Stock verification committee of physics section** 7/9/2022
80. **Life style for the environment pledge counselling** on 18/5/2023
81. **Stock verification committee member** on 12/6/23
82. Appointed as external examiner examiner B.Ed regular 2007-2008 final practical by MANUU-CTE DBG Between 16/4/2008 to 21/4/2008.
83. Appointed as practical examiner by Bihar school examination board Patna from 5/4/2006.

EDUCATIONAL QUALIFICATION Doctor of Philosophy (PhD) in Chemistry Awarded in Year 2000 from Department of Chemistry, BRA Bihar University Muzaffarpur. M.Sc. (Post-Graduation M.Sc.Chem.) (B.Ed. Patna training college. Patna University)

TEACHING PROFICIENCY General Chemistry, Organic Chemistry and Applied Chemistry

RESEARCH PUBLICATION DETAILS

1. Shastrarth – Critical analysis on research in coordination chemistry in Bihar University. 2008 Mithila Sanskrit Research Institute, Darbhanga ISBN 81- 89832-00-X .
2. Spectral and analytical studies on complexes of Ru (III), Pd (II), Ir (II) with nitrobenzohydroxamic acid as ligands. 2008 Asian journal of chemistry ISSN- 0970-7077 .
3. Coordinating behaviour of the ligand oxaldihydroxamic acid and the quantitative estimation of the element present in complex tris(oxaldihydroxamato) dirhodium(III) 2010 ISST journal of applied chemistry ISSN-0976-7355
4. Study of isometric tris (oxaldihydroxamato) dirhodium (III) 2012 ISST journal of applied chemistry ISSN-0976-7355
5. Hydroxamic Acids have several applications in analytical chemistry 2018 ISST Journal of applied chemistry ISSN-0976-7355
6. A text book of Organic Solution 2016 ISBN- 978-93-85101-34-2 Paramount Publishing House
7. A text book of Organic Formulation 2017 ISBN-978-93-85101-19-9 Paramount Publishing House
8. A text book of Inorganic Coordination 2019 ISBN- 978-93-89003-07-9 Harshwardhan Publication Pvt.

Proceeding Publication in Scopus Journal

1. 57th Annual Convention of Chemists, 2020 International Conference on Recent Trends in Chemical Sciences organised by Indian Chemical Society, Kolkata during Dec- 26-29, 2020 presented a paper on A balance between Free Radicals and Antioxidants in Homoeopathy Treatment.
2. International Seminar on Recent Advances in Chemistry and Materials Sciences- 2020 Organised by Indian Chemical Society, Kolkata during 2-3, 8, 15, 22 and 29th August presented a paper on 2019-nCoV.

Reviewer

3. Title: Carboxymethyl chitosan/poly (vinyl alcohol)/CuO bio-nanocomposite hydrogels as antibacterial drug nano-carrier agent
Authors: Iman Gholamali Subject: Request to review manuscript.
Ms. Ref. No.:269 by Indian Chemical Society, e-mail-indi3478@dataone.in
4. Title: Isolation, identification, antibacterial activity and docking of fatty acid and fatty alcohol from rumexdentatus leaf extract
Authors: Mohd Rehan Subject: Request to review manuscript.
Ms. Ref. No.:271 by Indian Chemical Society, e-mail-indi3478@dataone.in

*DETAILS OF
CONFERENCE/SEMINAR
/WORKSHOP/
(ATTENDED/PRESENTED)*

Workshop

1. 5 Days Workshop on Development of Training Module for Madrasa Teachers Organised by Jointly Organised by Bihar State Madrasa Education Board and UNICEF during 12-16 November-2022.
2. One-Day Workshop on Developing Healthy and Motivating Organizational Culture in Educational Institutions Organised by MANUU during 27-12-2019.
3. Workshop on Language Mind Brain Interface Studies Organised by Department of HSS, IIT Patna in Collaboration with School of Language and Linguistics, Jadavpur University, Kolkata and Central Institute of Indian Languages, Mysore during 19-20, 2017.
4. Teachers Workshop at IGCW 2013 Organised by Newreka Green Synthesis Technologies Pvt. Ltd. In association with Green ChemisTree Foundation on Dec-8, 2013.
5. Day Workshop on Rural Technologies "Tech4seva" Organised by Unnat Bharat Abhiyan Cell, NIT, Patna in collaboration with Krishi Vigyan Kendra, Patna during 5-9 Sept-2022.

Conferences

6. International Conference on Geometry and its Applications in collaboration with the Tensor Society, India " Organised by Department of Mathematics, Jadavpur University, Kolkata, India during Oct-16-18, 2014 presented a paper on Geometry on Shape and Structure of Molecule.

7. National Conference on Recent Aspects of Research in Applied Sciences Organised by Department of Applied Sciences Inderprastha Engineering College, Sahibabad, Ghaziabad, Uttar Pradesh- 201010 on 12th February 2011 presented a paper on Recent Aspects of Research in Applied Sciences.
8. UGC sponsored National Seminar on Human Rights - Theory and Practice Organised by
9. Department of Sociology, Nagendra Jha Mahila Mahavidyalaya, Laheriasarai, Darbhanga during 24th- 25th March- 2012 presented a paper on Human Right and Environment in India.
10. National Seminar on Adab-e-Atfal: Asri Taqaze aur Hamari Zimmedariyan Organised by National Council for Promotion of Urdu Language, Ministry of Education, Government of India, New Delhi on 28-03-2022.
11. International Conference on Frontiers in Applied Mathematics and its Computational Aspects Organised by Department of Applied Mathematics, University of Calcutta during March 15-17, 2011 presented a paper on Study of Environmental Biology with special reference to Mathematical Model.
12. National Seminar on Bihar Men Urdu Tahqeeq: Samt-o-Raftar Sponsored by NCPUL (M/O.HRD, Govt. of India) New Delhi, Organised by Millat College, Darbhanga (Bihar) on 18 February 2012.
13. National Symposium on Frontiers of Biophysics, Biotechnology and Bioinformatics and 37th Annual Meeting of Indian Biophysical Society (IBS) Organised by Department of Biophysics and Centre for Excellence in Basic Sciences, University of Mumbai during Jan 13-16, 2013 presented a paper on National Symposium on Frontiers of Biophysics, Biotechnology and Bioinformatics.
14. National Conference on Recent Developments in Metallo-Organic Chemistry (RDMC-2009) Organised by Department of Chemistry, Lajpat Rai Postgraduate College, Sahibabad - 201005, Ghaziabad, Uttar Pradesh during 28th February and 1st March 2009 presented a paper on National Conference on Recent Developments in Metallo- Organic Chemistry (RDMC-2009).
15. Polymer Processing Society Asia/Australia Conference (PPS-2013) Organised by Ramada Powai Hotel & Convention Centre, Mumbai, India during December 4-7, 2013 presented a paper on Polymer Processing Society Asia/Australia Conference (PPS-2013).
16. National Seminar on Quality Teacher Education and NCTE Regulations, 2014 Organised by Oriental College of Education in Association with Council for Teacher Education during March 14-15, 2015 presented a paper on Teachers Role - Kid's School.
17. 1st Online National Conference on Recent Trends in Science and Technology (RTST-2020) Organised by Department of Applied Sciences. Faculty of Engineering and Technology. Manav Rachna International Institute of Research and Studies, Faridabad, Haryana, India on 21-11-2020 presented a paper on Role of Some Transition Complexes in the Treatment of Anxiety and Depression.
18. 102nd Indian Science Congress Organised by University of Mumbai, Mumbai during January 3 to 7, 2015 presented a paper on A Study of Gravimetric Estimation and Application of Hydroxamic Acid in Gravimetric Estimation.

Participation Certificate

1. 102nd Indian Science Congress Organised by University of Mumbai, Mumbai during January 3 to 7, 2015.
2. TEQIP II Sponsored Short Term Course on Recent Trends in Synthetic Chemistry and its Relevance Organised by Department of Chemistry, NIT Patna during December 10-11, 2015.
3. One-Day International Webinar on Coping With Covid-19 and Safety Organised by Department of Chemistry and IQAC, St. Joseph's College for Women (A), Vishakhapatnam, Andhra Pradesh during 20-06-2020.
4. National Level Webinar on Dimensions of Literary Criticism Organised by

- Department of Urdu, Bangalore University, Bangalore on 22-07-2020.
5. National Webinar on Current Perspectives in Chemical Sciences Organised by Department of Chemistry, Bhattar College, Dantan in Collaboration With Indian Chemical Society on 21-07-2020.
 6. National Webinar on Vaccines and Drugs-Savior of Humanity from Invisible Foes- A Timeline in Collaboration With Royal Society of Chemistry-London Organised by Department of Chemistry, Keshav Memorial Institute of Commerce and Sciences, Affiliated to Osmania University, Narayanaguda, Hyderabad- 500029 on 13-06-2020.
 7. WASME Webinar on Webinar Series 1- Idea to Unicorn- A Billion Dollar Dream-Thought Leadership and People Development Organised by World Association For Small and Medium Enterprises (WASME) on 13-08-2020.
 8. WASME Webinar on Webinar Series 2- Idea to Unicorn- A Billion Dollar Dream-Sales and Marketing With Customer Delight Organised by World Association For Small and Medium Enterprises (WASME) on 20-08-2020.
 9. Plantation Drive Organised by MANUU Polytechnic, Darbhanga on 28-03-2023.
 10. Lecture in Development through Science and Technology and Effect on Environment Through Population Maximization Organised by Shafi Muslim High School, Laheriasarai, Darbhanga on 08-11-2006.

Appreciation Certificate

1. Azad Day Celebration 2022 Organised by MANUU Polytechnic, Darbhanga on 11-11-2022 Contribution as a Coordinator/Member of the event MANUU TARANA organised in connection with Azad Day Celebration-2022.
2. National science day celebration organised by MANUU Polytechnic Darbhanga as an organising committee member dated on 18 March 2023.
3. Teachmint Organised by Teachmint For Successfully conducting 100 hours of live online teaching on Teachmint.
4. MANUU Student's Union Elections 2021-2022 Organised by Maulana Azad National Urdu University Gachibowli, Hyderabad-500032, Telangana on 01-04-2022 Observer During the conduct of MANUU Students Union Elections 2021-2022.
5. National Science Day Celebration Organised by MANUU Polytechnic, Darbhanga on 21-22 March, 2017 Member of organising committee of National Science Day Celebration 2017.
6. The Fundamentals of Digital Marketing certification exam Organized by Google Digital Garage on 11-06-2020.

Student Induction Programme

1. Student Aspirations Family Expectations as Part of Deeksharambh Student Induction Programme-2022 Organised by MANUU Polytechnic, Darbhanga on MANUU Polytechnic, Darbhanga For the Lecture.
2. Student Aspirations Family Expectations as Part of Deeksharambh Student Induction Programme-2022 Organised by MANUU Polytechnic, Darbhanga on 02-11-2022 For the talk.

Book Publication Certificate

1. A text book of Inorganic Coordination ISBN 978-93-89003-07-9 (2019)
2. A text book of organic solution ISBN 978-93-85101-34-2 (2016)
3. A text book of organic formulation ISBN 978-93-85101-19-9 (2017)

Refresher Course

1. Refresher Course in the Subject of Winter School in Basic Sciences Organised by Maulana Azad National Urdu University Gachibowli, Hyderabad-500032,

Telangana during 11-12-2018 to 31-12-2018.

2. 1st Refresher Course in Basic Sciences on Recent Trends in Basic Sciences Organised by Department of Chemistry, Patna University during 03/03/2017 to 23/03/2017.

Orientation Programme:

1. 30th Orientation Programme organized by Department of Engineering Chemistry, MANUU Polytechnic Darbhanga, Bihar during 27-04-2016 to 24-05-2016.
2. Unnat Bharat Abhiyan organized by NIT Patna on 12th March 2022.
3. Unnat Bharat Abhiyan organized by Regional Coordinating Institute, NIT Patna on 14-09-2019.

Industrial Training:

1. Industrial Training for Faculty (phase-II) for Three Weeks organized by Regional Telecom Training Centre (RTTC), Bharat Sanchar Nigam Limited (BSNL), Hyderabad during 03-04-2023 to 21-04-2023.
2. Industrial Training for Faculty for Three Weeks organized by Regional Telecom Training Centre (RTTC), Bharat Sanchar Nigam Limited (BSNL), Hyderabad during 17-01-2022 to 04-02-2022.

Faculty Development Program:

1. 40-hour Online Faculty Development Programme on Data Science and Machine Learning Sponsored by Ministry of Electronics and Information Technology (MeitY) GoI, Organised by Electronics and ICT Academy, NIT Warangal and School of Technology, Maulana Azad National Urdu University Gachibowli, Hyderabad, Telangana during 20-30 October, 2021.
2. 40-hour Online Faculty Development Programme on Cyber Crimes and Cyber Security Sponsored by Ministry of Electronics and Information Technology (MeitY) GoI, Organised by Electronics and ICT Academy, NIT Warangal and School of Technology, Maulana Azad National Urdu University Gachibowli, Hyderabad, Telangana during 20-09-2021 to 01-10-2021.

*DETAILS OF KEYNOTE
SPEAKER/RESOURCE PERSON/
SESSION CHAIR ETC.*

Invited Talks at Conferences and Symposium

1. Invited lecture on safety in chemical industries at institute of administrative studies Muzaffarpur on 24/3/2008. classes to safety Engg. From 1/4/2008 to 30/5/2008.
2. As a resource person 5 Days Workshop on Development of Training Module for Madrasa Teachers Organized by Jointly Organized by Bihar State Madrasa Education Board and UNICEF during **17-9-2022 to 21-09-2022**
3. As a resource person 5 Days Workshop on Development of Training Module for Madrasa Teachers Organized by Jointly Organized by Bihar State Madrasa Education Board and UNICEF during 12-16 November-2022

ACHIEVEMENTS

1. Courses Taught
2. Duty and responsibility of Department, Institute and University
3. Books publication.
4. A textbook of Inorganic Coordination ISBN 978-93-89003-07-9 (2019)
5. A text book of organic solution ISBN 978-93-85101-34-2 (2016)
6. A text book of organic formulation ISBN 978-93-85101-19-9 (2017)

*DETAILS OF SUPERVISION
(M.PHIL/M.TECH/P.HD.)*

PROFESSIONAL MEMBERSHIPS

1. Indian Biophysical Society---- Life membership no 837-
 2. Indian Chemical Society—Life membership no F/7501(LM)
 3. The Indian Science Congress Association—Life membership no. L26173
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PERSONAL DETAILS

Father's Name : Dr. Mohammad Moinuddin
Date of Birth : 04/11/1970
Gender : M
Marital Status : Married
Nationality : Indian
Language : Urdu, English and Hindi
Known
Etc..

Date: 20/12/21

Place:Darbhanga

(Dr Aftab Ahmad Sulaiman)