

CURRICULUM VITAE

Dr. Mohsin Hasan Khan



Current Designation: Professor

Office Address: Department of Chemistry,
G.F.College, Shahjahanpur-
242001

Residence: Old City, Bareilly-243005
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Qualifications: M.Sc., Ph.D.

Languages known: English, Hindi, Urdu,

Topic of Ph.D.: “1, 4 distributed 2, 4 dithiobiurets and their complex action behavior”

Academic and extra-Curricular engagements at

(a) College level:

1. Member, College Proctorial Board since 2003.
2. Member, College admission Committee since 2006.
3. Member College Athletic Association and President, Indoor games.
4. Incharge, Self Finance Scheme, G.F.College, Shahjahanpur.
5. Incharge, Seminar Library, Chemical Association, Department of Chemistry, G.F.College, Shahjahanpur.

(b) University level:

1. University Coach of Lawn Tennis team in the Interuniversity during 2008-09.
2. Additional Superintendent, M.J.P.Rohilkhand Examinations, G.F.College, Shahjahanpur during 2009.
3. Worked as Coordinator of Marks Collation during 2009-10.
4. Founder Member of Rohilkhand University Alumni Association.
5. Worked as Observer in B.Ed. entrance.
6. Assistant Coordinator –HINDI, University Examinations, 2011.
7. Assistant Coordinator –Geography, Political Science, Economics, University Examinations, 2012.
8. Assistant Coordinator –English, University Examinations, 2013.
9. Assistant Coordinator –General English, University Examinations, 2014.
10. B.Sc. Paper setter in 2014-16.
11. Assistant Coordinator –English, University Examinations, 2015.
12. Coordinator –Commerce, University Examination, 2016.

13. Assistant Coordinator –Sociology, University Examination, 2017.
14. Head Examiner –Chemistry, University Examination, 2018.
15. Head Examiner –Chemistry, University Examination, 2019.
16. Observer in B.Ed. Entrance Exam-2019.
17. Expert of selection committee of different colleges.
18. Expert of Affiliation panel for UG and PG colleges.
19. Refree of PhD Thesis Bheem Rao Ambedkar University Aurangawaad
20. PhD entrance paper setter Chandrashekhar University, Balia
21. Member of subject expert in college affiliation of MJP Rohilkhand University.
22. Paper setter of Agra University.
23. Subject expert in selection committee of Assistant Professor of affiliated colleges of MJPRohilkhand University.
24. Examiner of CSJM Kanpur University.

Specialization: Inorganic Chemistry.

Courses taught: a. At Under-graduate level: Inorganic
Chemistry

b. At Post-graduate level: Inorganic Chemistry

Research guidance:

Awarded: 01

Submitted: 02

Registered: 04

Details of Research projects

MINOR RESEARCH PROJECTS RECOMMENDED BY THE
EXPERT

COMMITTEE Chemistry/ Polymer Science Dr. Mohsin Hasan Khan ROMRP-
NRCB-CHEM-2015-16-52043 (UNIVERSITY GRANTS COMMISSION
Northern Regional College Bureau).

Refresher/Orientation Courses attended

1. Attended a UGC sponsored Orientation Course in Chemistry organized by Aligarh Muslim University, Aligarh w.e.f. 13.07.2005 to 09.08.2005 and obtained "A" grade
2. Attended a UGC sponsored Refresher Course in Chemistry organized by Aligarh Muslim University, Aligarh w.e.f. 26.11.2008 to 18.12.2008 and obtained "A" grade.
3. Attended a UGC sponsored Refresher Course in Chemistry organized by Aligarh Muslim University, Aligarh w.e.f. 07.09.2011 to 27.09.2011 and obtained "A" grade.

Workshop attended

Workshop on “Role of IQAC in Assessment and Accreditation” held at MJP Rohilkhand University, Bareilly on 22-23 December, 2011.

National workshop on human right and education and dalit women, Govt. Post Graduate College, Khair, Aligarh on 13th to 19th June, 2015.

National Workshop on Human Rights Education and Dalit Women, Govt. P.G. College, Aligarh from 13 to 19 June, 2015.

CALEM- Training Programme on Academic Leadership Under Scheme of PMMMNMTT (MHRD, Govt. of India) from 20 July 2017 to 26 July 2017.

Research papers published

1. Synthesis of 1, 5 disubstituted 2,4 dithiourets and studies on their complexation behavior. Oriental Jour. Of Chem. 25(3): 701-706 (2009).
2. Isolation of 5,7,4- trohydroxyflavone-8-C- β -D glucopyranoside, a Flavone Glucoside from the roots of *Bauhinia retusa*. Natura Prod. Medica .3:78-80 (2010).
3. Synthesis of bivalent Co, Ni and Cu complexes with 1-methyl-5-substituted 2-4 dithiocabamate. Oriental Jour. of Chem. 26: 1155-1158. (2010).
4. Antimicrobial activity of some azomethines and their metal

- complexes. *Oriental Journal of Chemistry* 27(4):1779-1782 (2011)
5. High performance thin layer chromatography quantification domperidone and paracetamol in Tablets forms domperidone, paracetamol, silica gel HPTLC plate, HPTL. *Orient. J. Chem.*, 30(1) (2015).
 6. Antimicrobial Activity of Some Indian Medicinal Plants. *Periodic Research*. 7(2): 111-113. (2018)
 7. Antibacterial activity of Indian spice Black pepper (*Piper nigrum* L.). *Remarking An Analisation*. 3(3): 41- 43. (2018).
 8. Phytochemical Screening of Five Medicinal Plants. *Periodic Research*. 7 (2):114-116. (2018)
 9. Phytochemical Screening and Antibacterial Activity of Aegle Marmelos Leaf Extracts. *Remarking An Analisation*. 3(3):44-46. (2018).
 10. GC-MS Analysis of Curcuma Longa Extract, *Journal of Gujrat Research Society*, 21(15): 256-259. (2019).
 11. Extraction and Isolation, Phytochemical analysis and Antimicrobial activity (against skin bacteria and some other bacteria) of *Calotropis gigantean* in different organic solvent. *JETIR.*, 6(5): 3254-3261. (2019).
 12. Phytochemical screening and antimicrobial activity of *Moringa oleifera* stem bark against urinary tract infections in humans. *JETI.*, 6(5): 3262-3269. (2019).

13. In vitro antimicrobial activity of Indian medicinal plants. JETIR., 6(5): 679-681. (2019).
14. Phytochemical and antimicrobial screening of Neem (*Azadirachata indica*). JETIR. 6(5) 502-506. (2019).
15. Phytochemical and antimicrobial analysis of *Nyctanthus abbourtritis*. JETIR. 6(6) 278-282 (2019).
16. Comparative antimicrobial activity of garlic and black pepper. JETIR, 6(6): 283-285. (2019).
17. *Syzygium aromaticum* (Clove): A spice as a herb. Stochastic Modeling & Applications. 26(3): 716-718 (2022)
18. In vitro analysis of antimicrobial activity of Indian medicinal plants. Stochastic Modeling & Applications. 26(3): 196-199 (2022)
19. In vitro evaluation of antimicrobial activity of *Psidium guajava* leaf extract against selected pathogenic bacteria. Journal of Pharmaceutical Negative Result. 13(6): 1840-1844 (2022). **Listed in SCOPUS and WEB of SCIENCE**
20. Evaluation of antioxidant activity of essential oils of some Indian medicinal plants by DPPH, FRAP and ABTS assay. Journal of Pharmaceutical Negative Result. 13(6): 2602-2607 (2022). **Listed in SCOPUS and WEB of SCIENCE**
21. In Vitro Antimicrobial Activity Analysis Of Lemon Grass Leaf Extracts Against Pathogenic Bacteria Journal of Pharmaceutical Negative Result. 13(9): 917-920 (2022). **Listed in SCOPUS and WEB of SCIENCE**

Books Chapters

- a. Bioactive natural products as veritable source of drugs and medicine : An overview. Recent developments in nanoscience and green chemistry. Neel Kamal Prakshan. New Delhi. 2020 Page 174-176. (ISBN: 81-88962-83-X)
- b. Natural products as reservoirs of therapeutic agents: An overview Recent developments in nanoscience and green chemistry. Neel Kamal Prakshan. New Delhi. 2020 Page 177-179. (ISBN: 81-88962-83-X)
- c. Bioactive compounds from Indian Medicinal plants using nanotechnology. Recent developments in nanoscience and green chemistry. Neel Kamal Prakshan. New Delhi. 2020 Page 180-185. (ISBN: 81-88962-83-X)
- d. Antimicrobial activity of green chemistry and medicinal plants against urinary tract infection in humans. Recent developments in nanoscience and green chemistry. Neel Kamal Prakshan. New Delhi. 2020 Page 186-190. (ISBN: 81-88962-83-X)
- e. Phytochemicals: As pharmaceuticals. Recent developments in nanoscience and green chemistry. Neel Kamal Prakshan. New Delhi. 2020 Page 191-193. (ISBN: 81-88962-83-X)
- f. Phytochemicals as antimicrobial agents/... Recent developments in nanoscience and green chemistry. Neel Kamal Prakshan. New Delhi.

Books published

1. Inorganic Chemistry, ISBN 978-93-83385-79-9 Ram Prasad Publication, Agra.
2. Inorganic Chemistry, ISBN 978-93-83385-82-9 Ram Prasad Publication, Agra.
3. Text Book of Bioorganic and Medicinal chemistry 978-93-1152-76-5 Krishna Prakashan Media Pvt. Ltd, Meerut.
4. Jaivik aur aushadhiya rasayan shastra. 978-93-91152-77-2. Krishna Prakashan Media Pvt. Ltd, Meerut.

Seminar/Lectures/Conferences attended

- i. National Conference on Challenges in Life Sciences with Changing Environment organized by Sacred Heart Degree College, Sitapur on 20-21 February, 2010.
- ii. National Conference on Contemporary graduate teacher education: Problem and solution organized by M.L.K.P.G. College, Balrampur, sponsored by UGC and Department of education, held on 3-4 October, 2010
- iii. International Conference on Chemistry: Frontiers and Challenges, organized by Department of Chemistry, Aligarh

Muslim University, Aligarh on 5-6 March, 2011.

- iv. International Seminar on Consumer Protection and Behaviour in Present Privatized Era organized at SS College, Shahjahanpur on 25-26 February, 2012.
- v. National Seminar on Chemistry and Environment by Kisan PG College, Bahraich, 6-7 October, 2012.
- vi. International Seminar on “Employment Generation in Developing Countries: Challenges and Opportunities organized by Swami Shukdevanand PG College, Shahjahanpur on 23-24 February, 2013.
- vii. National Seminar on Waste Disposal and Its Effect on Biodiversity, Muhammad Ali Jauhar University, Rampur on 15-16 November, 2014.
- viii. National Seminar on Issues Concerning the Higher Education in India by Gov. Raza P.G. College on 1-2 March, 2014.
- ix. National Seminar on Reshmi Rupal Tahreek aur Shikhul Hind Maulana Mahmood Hasan, G.F.College, Shahjahanpur on 15-16 December, 2014.
- x. Brainstorming Conference on STI Policy Implementation at Bareilly College, Bareilly on 8th January, 2014.
- xi. International Seminar on Economic Development with

Devaluation of Non- Economic Values: Problems and Remedies by Swami Shukdevanand PG College, Shahjahanpur on 2-3 March, 2014.

- xii. National Seminar on Analytical Chemistry, Analytical Chemistry Association on 18 January, 2015.
- xiii. International Conference on Human Development in Developing Nations by SS College, Shahjahanpur on 26-27 February, 2015.
- xiv. National Seminar by Analytical Chemistry Teachers and Researchers Association at Aurangabad on 18th January, 2015.
- xv. National seminar on Higher Education in India: Present Scenario and Future Perspectives for Value Based Education by Government Raza College, Rampur on 28 Feb-1 March, 2015.
- xvi. International Conference on Innovations in Chemical, Biological and Environmental Science at Swami Shukdevanand PG College, Shahjahanpur on 12th February, 2016.
- xvii. National seminar on Higher Education: Issues, Challenges, Prospects and Strategies organized by Lucknow University Associated Colleges Teacher's Association on 11 September, 2016.
- xviii. International Conference on New Scintillations on Materials Horizon organized by MJP Rohilkhand University, Bareilly on 21-23 October, 2016.
- xix. National Conference on Role of Science and Technology in

Socio-Economic Development organized by Dr. B.R. Ambedkar Government Degree College, Mainpuri (U.P.) on 28-29, February 2016.

- xx. National conference on Recent Developments in Nanosciences and Green Chemistry organized by Departement of Chemistry, G.F. College. Shahjahanpur 1-2 Feb, 2020.

Life Membership

Life member of Oriental Journal of Chemistry

Social Activities

Scientific advisory member of “Sanchayan”-A Group for water conservation.

Subject expert: Social Research Foundation International. Kanpur