

CURRICULUM VITAE

Dr. Mohd. Asif Khan

M. Sc. (Physics), Ph.D.

Current Designation: Associate Professor,

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Bareilly- 243002

Refresher/Orientation Courses:

1. UGC Sponsered orientation programme from 01.04.2009 to 28.04.2009.
Himanchal Pradesh University, Shimla
2. Orientation Programme sponsored by Ministry of youth affairs & sports Govt of India
from 28.11.2009 to 01.12.2009
3. Refresher Programme sponsored by Ministry of youth affairs & sports Govt. of India Feb
2010.
4. UGC Sponsored Subject Refresher course in Disaster Management (Physics) from 03
Dec. 2014- 24 Dec. 2014.
5. UGC Sponsored refresher course information & communication Tecnology (ID) from
01.03.2016 to 21.03.2016, Lucknow University, Lucknow.
6. Short Term Course on Academic Leadership from 20 July 2017 to 26 July 2017
sponsored by UGC Human Resourse Development Centre, A.MU., Aligarh.

Book:

Practical Physics Book for Part-I

Kedar Nath Ram Nath Merut – Delhi.

Conferences/Seminar/Symposia/Workshop:

1. “Characteristics of Nano Materials and Their Scope” Advancement and futuristic trends in material science (AFTMS-2011), Department of Applied Physics- Faculty of Engineering & Technology, MJPRU, Bareilly.
2. “ Ion beam based Research in India and Acquaintance programme on Ion beam facilities at IUAC- New Delhi, 23 March-2012.
3. “ Probing the incomplete fusion dynamics at energy $\approx 3-8$ MeV/A” Radiation a powerful tool for research in Physical, Chemical and Life Sciences organized by UGC- DAE Consortium for Scientific Research Kolkata and Central University Jhansi Dated Feb. 13-15, 2013.
4. Workshop on Recent Trends in Nuclear Physics School (14-15 September, 2015) at Inter University Accelerator Centre, New Delhi.
5. International Workshop on Futuristic Materials Characterization, Properties and Applications in Technology (FMCPAT- 2014) dated July 17-22, 2014 organized by Dept. of Applied Physics, Faculty of Engg. & Tech., MJPRU, Bareilly.
6. Participated in Nuclear Physics Experiment from 05.10.2021 to 14.10.2021 entitled “Disentangling the incomplete reactions dynamics in heavy ion induced reaction at energies 3-8 MeV/A at IUAC, New Delhi.
7. **Khan, M.A.**, Khan, M.T., Khan, I., (2020), “*Pollution and its effect on Life*,” Published in Book Chapter of the National Conference on “Recent Developments in Nanoscience and Green Chemistry (RDNGC-2020)”, Organized by Department of Chemistry, G.F. College, Shahjahanpur, Uttar Pradesh, India, 01-02 February, 2020.
8. Khan, M.T., **Khan, M.A.**, and Ali, R., (2017), “*Dependence of Pc_4 Occurrence on Kp values at Low Latitude in India*,” Published in Book Chapter of the 9th International Conference on “International Terrorism, Tourism and Economic Health of the World”, Organized by Faculty of Commerce & Research Studies, S.S (PG) Mumukshu Ashram Shahjahanpur, Uttar Pradesh, India, 16-17 December, 2017, pp. 509 -513.
9. Khan, M.T., **Khan, M. A.**, Ali, R., (2018), “*The Impact of Childcare and Parent and Skill Development*”, Published in the Book Chapter of the “National Seminar on “Skill Development : Bridging Gaps between Entrepreneurship and Academic Excellence,” held at V.R.I.L.Rajkiya Mahila Mahavidyalaya Bareilly, (U.P.), India, 6-7 January, 2018, pp. 35-38.

10. Khan, M.T., **Khan, M. A.**, Ali, R., (2018), "*Renewable Energy sources and their management system in environment*", Published in the Book Chapter of the "6th National Conference on "Scientific Rationality and Socio-cultural Changes," Organized by Government (P.G.) College, Bisalpur, Pilibhit (U.P.), India, 20-21 January, 2018, pp. 170 - 175.
11. Khan, M.T., **Khan, M.A.**, (2018), "*Wearable Technology – Google Glass*", Published in the Book Chapter of the "National Seminar on "Creating a unified foundation of the sustainable development: Education and Empowerment," Organized by Government Raza (P.G.) College, Rampur (U.P.), India, 27-28 January, 2018, pp. 119 – 124.
12. **Khan, M.A.**, Khan, M.T., (2018), "*Importance of Science and Technology* ", Published in the Book Chapter of the "National Seminar on "Creating a unified foundation of the sustainable development: Education and Empowerment," Organized by Government Raza (P.G.) College, Rampur (U.P.), India, 27-28 January, 2018, pp. 136 – 140.
13. Khan, M.T., **Khan, M.A.**, (2018), "*ULF Wave and its Theoretical Description*", Published in the Book Chapter of the "International Conference on "Digital India: Empowering the Society," Organized by Bareilly College, Bareilly (U.P.), India, 27th January, 2018, pp. 112 – 116.
14. Khan, M.T., **Khan, M. A.**, Ali, R., (2017), "*Renewable Energy sources*", Published in the Book Chapter of the "6th National Seminar on "Smart Cities: A Stride to Improve Citizens, Quality of Life ," Organized by V.R.I.L.Rajkiya Mahila Mahavidyalaya Bareilly, (U.P.), India, 08-09 January, 2017, pp. 132 - 136.

University Level Activities:

1. Assistant Coordinator in Central Evaluation at MJPRU, Bareilly, Hindi Language & Hindi Literature in 2012.
2. Assistant Coordinator in Central Evaluation of MJPRU, Bareilly in English, year-2013.
3. Assistant Coordinator in Central Evaluation at MJPRU, Bareilly in Geography, Political Science & Military Studies, year 2014.
4. Assistant Coordinator in Central Evaluation at MJPRU, Bareilly in Sociology year 2015.
5. Assistant Coordinator in Central Evaluation at MJPRU, Bareilly in Urdu, History, Persian, Sanskrit & Arabic, year 2016.
6. Assistant Coordinator in Central Evaluation at MJPRU, Bareilly in Urdu, History, Persian, Sanskrit & Arabic, year 2017.
7. Assistant Coordinator in Central Evaluation at MJPRU, Bareilly in Physics, Botany, Zoology, Sociology & Biotechnology, year 2018.

8. Assistant Coordinator in Central Evaluation at MJPRU, Bareilly in Mathematics, Botany, Sanskrit & History, year 2020.
9. Member, University Flying Squad in 2014, area-MJRU, Bareilly.
10. Member University Flying Squad in 2015 area Bareilly, Rampur & Sambhal District.
11. Member University Flying Squad in 2017 improvement examinations.

College Level Activities:

1. Convener, Career & Counseling Cell, G.F. College from 2021.
2. Deputy Coordinator, Practical Examinations from 2021.
3. President Chess, Sports Club from 2009.
4. Member, Counseling Committee from 2009.
5. Member, Proctorial board from 2006 to 2011.
6. Programme officer, NSS from 2006 to 2011.
7. Member of Extra Curricular activities committee from 2011 to 2015.
8. Member, Admission Committee from 2015 to 2021.
9. Member, Central Admission Committee from 2021.

Research Papers:

[1] Signature of incomplete fusion reaction in $^{20}\text{Ne} + ^{159}\text{Tb}$ system: Measurement of forward recoil range distributions (FRRDs)

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IJSR 9 (2020) 26-28 Issue-11.

[2] Projectile break-up effect on fusion in $^{16}\text{O} + ^{156}\text{Gd}$ reaction at energy range 4.3-6.3 MeV/A

Rahbar Ali, D. Singh, Harish Kumar, Suhail A Tali, **Asif Khan**, M. Afzal Ansari, R. P. Singh & S. Muralithar

Indian Journal of Pure and Applied Physics 59 (2021)103-108

[3] Incomplete fusion reaction in $^{20}\text{Ne} + ^{159}\text{Tb}$ system

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Remarking An Analisation 03 (2018)1 Issue-04

[4] Entrance channel effect in incomplete fusion reaction dynamics

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Review of Research 04 (2015) 1, Issue-05

[5] Nuclear reaction mechanism in heavy ion for induced reaction

Mohd Asif Khan

Review of research 04 (2015) 1, Issue-12

[6] Incomplete fusion reaction dynamics at energy below coulomb barrier

Mohd Asif Khan

Indian streams research journal 04 (2014) 1, Issue-10

[7] Electrical and structural properties of zinc dopped silicon nitrite

Mohd Asif Khan

Indian streams research journal 02 (2012) 1, Issue-7

[8] Electrical and dielectric phenomenon in nano materials

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Golden Research Thoughts 01(2011)1, Issue-01