

Curriculum-Vitae (CV)

Personal information:-

Name: : Mr. Mohd Tariq Khan
Father's name : Mr. Hamid Khan
Mother' Name : Mrs. Zubaida Begum
Date of Birth : 11th July, 1979
Current Designation : Assistant Professor
College : G. F. College, Shahjahanpur
Date of Joining : 5th November, 2008
Languages know : Hindi, English, and Urdu
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Corresponding Add. : G. F. Collge, Civil line, Shahjahanpur

OBJECTIVE:-

To work in a challenging environment that provides generous opportunities for Learning, as Anthusiastic hard worker, I am looking up something to update my Career and serve humanity in a better way.

Academic qualification:-

1. **Ph.D.** in progress, under the supervision of Dr. Ajay Kumar Singh on “**Diurnal and Seasonal variation of Kp Dependence of Pc4 Magnetic Micropulsation at low latitude in INDIA**” Department of Physics Bareilly College, Bareilly.

2. **M. Phil. awarded in 2005**, under the supervision of Dr. Iqbal Ahmad Ansari on “**Spectral Characteristic of Pc3 Magnetic Micropulsation**” Department of physics AMU, Aligarh with first division (78%) .
3. **M.Sc. in Physics** from AMU, Aligarh in 2003 with first division (60 %).
4. **B.Sc. in Physics and Mathematics** from M.J.P.Rohilkhand University, Bareilly with first division (65.5%).
5. **Intermediate** in PCM from UP, Board in 1997 with First division (60.4 %).
6. **High School** in Science from UP, Board in 1995 with First division (75.2%).

Experience:-

1. Working as an Assistant professor, in Department of Physics, Gandhi Faiz-E-Aam College, Shahjahanpur, from November 2008 to till date.
2. Working as a faculty in Physics Department, AMU, Aligarh from August 2005 to October 2008.

Administrative responsibilities:-

1. **Member in Proctorial Board** (Assistant Proctor) from 2009 to 2015 and 2017 to 2018 and 2020 to till now.
2. **Member in Sports Committee** (President of Kabbadi team) from 2009 to 2018.
3. **Warden** in G. F. C. Hostel from 2014 to till now.
4. **Assistant Superintendent of Examination** in 2018 to 2019
5. **Member in Admission Committee** from 2009 to 2014 and 2018.
6. **Member in Main Admission Committee** in session 2019- 2020 & 2020 -2021.
7. **Member in Anti Ragging Committee** in session 2019 -2020.
8. **Member in University External Flying Squad** (MJPRU, Bareilly) in Sessions 2014-2015, 2015-2016, 2016-2017, 2017-2018.

Refresher course/Orientation programme:-

1. Refresher course in ***Environmental Education*** (Interdisciplinary) from UGC Academic Staff College, A.M.U. Aligarh, Uttar Pradesh, India, May 9th to May 29th 2013.
2. Refresher course in ***Environmental Studies*** (Interdisciplinary) from UGC Academic Staff College, University of Lucknow, Uttar Pradesh, India, July 4th to July 25th 2017.
3. **Orientation Programme** from UGC Academic Staff College, A.M.U. Aligarh Uttar Pradesh, India, July 15th to August 11th 2011.

TRAINING COURSE:-

1. Participated in the Five-day Faculty Development Programme on “***Teaching through E- Learning Technologies: Development of E- Content,***” organized by IIPA Bareilly Chapter and ABV- IITM Gwalior, India, May 31st to June 4, 2020.
2. Participated in one week Faculty Development Programme on “***Open Source Tools for Research,***” organized by Teaching Learning Center Ramanujan College, University of Delhi, June 08 to June14, 2020.
3. Participated in the one week Faculty Development Programme on “***Current Advances in Science for Engineering & Medical Applications: An Interdisciplinary Approach (CASEMA-2020),***” organized by Department of Physical Sciences, Kakatiya Institute of Technology & Science Warangal, Telgana, India, July 3rd to July 7th , 2020.
4. Participated in AICTE Training and Learning (ATAL) Academy online Five-day Faculty Development Programme on “***Emotional Intelligence,***” organized by ST. MARTIN’S ENGINEERING COLLEGE, INDIA, September 21st to September 25th, 2020.
5. Participated in AICTE Training and Learning (ATAL) Academy online Five-day Faculty Development Programme on “***Internet of Things(IoT),***” organized by Amity School of Engineering & Technology, Amity University, Noida, INDIA, October 12th to October 16th, 2020.
6. Participated in AICTE Training and Learning (ATAL) Academy online Five-day Faculty Development Programme on “***Environmental Geotechnology,***” organized by National Institute of Technology Karnataka Surathkal, INDIA, January 4th to January 8th, 2021.

List of Publications

List of Publications in National & International Journals:

1. **Khan, M.T.** and Singh, A. K. and Nafees, K.A. (2021), “*Interaction of Pc4 ULF waves with solar wind velocity and its dependence on Kp values*” Published in Indian Journal of Science and Technology, 14(12), March-April (2021), pp. 1013-1020.
2. **Khan, M.T.** and Singh, A. K. (2021), “*Diurnal and Seasonal Variations on Pc4 MHD wave with Kp indices at equatorial latitude and their dependence with Interplanetary Magnetic Field (IMF)*” Published in Journal of the Maharaja Sayajirao University of Baroda, Vol-55, No.1 (2021), pp 01-05.
3. **Khan, M.T.** and Singh, A. K. (2020), “*Statistical Characteristics of Pc4 Magnetic Pulsation with Kp indices and its Variation on Solar wind Velocity*” Sambodhi UGC Care Journal , Vol-43, No.-04 (IV) July-September (2020), pp. 322- 328.
4. Nafees, K.A, **Khan, M.T.**, [2020], “*Correlation of MHD Waves observed at equatorial latitudes with magnitude of Interplanetary Magnetic Field,*” International Journal of Advanced Science and Technology Vol. 29, No. 4s, (2020), pp. 2302 – 2309.
5. **Khan, M.T.**, and ALI, M. [2018], “*Statistical Characteristic of Pc4 Magnetic Micropulsation at Low Latitude in India,*” International Journal of Remarking An Analisation VOL-3 ISSUE-4, pp. 21 – 26.
6. Ansari, I.A. and **Khan, M.T.**, [2012], “*Pc4 Geomagnetic Pulsations and its Kp Dependence at Low Latitudes in India,* Indian J. Radio & Space Phys., Vol 41 February 2012, p. 39 –47.
7. Ansari, I. A., Nafees, K.A., **Khan, M.T.**, Sinha, A.K. and Pathan, B.M. (2009), “*Diurnal and seasonal variation in Pc4 occurrence at low latitudes in India,*” Indian J. Radio & Space Phys., Vol. 38, p. 197 –207.
8. **Khan, M.T.**, (2019), “*Importance of Cloud Computing,*” Online International Interdisciplinary Research Journal, Volume-09, Issue-01, 2019, pp. 61- 66.

9. **Khan, M.T.**, (2019), “*Renewable Energy Sources and Climate Change and their Management*,” Online International Interdisciplinary Research Journal, Volume-09, Issue-02, 2019, pp. 35- 44.

10. **Khan, M.T.**, (2018), “*Cyber Crime as a Technical Issue*,” Online International Interdisciplinary Research Journal, Volume-08, Issue-06, 2018 pp. 65- 75.

11. **Khan, M.T.**, (2018), “*Touch Screen Technology*,” Online International Interdisciplinary Research Journal, Volume-08, Issue-04, 2019, pp. 67- 72.

12. **Khan, M.T.**, (2018), “*Wearable Technology for Healthcare Provision and Medical Education-Google Glass*,” *ISST Journal of Applied Physics*, Volume-09, No.-02, 2018 pp. 36- 39.

List of Publications in National and International Proceedings/ Book Chapters:

1. **Khan, M.T.** and Singh, A.K., (2020), “*Statistical Characteristics of Pc4 Magnetic Pulsations with Kp indices and its Variations on Solar wind Velocities*,” 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.

2. Singh, A.K., **Khan, M.T.**, (2020), “*Dependence of Pc4 Occurrence on Kp values at low Latitude in India*,” 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.

3. 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.

4. **Khan, M.T.**, Khan, M.A., and Ali, R., (2017), “*Dependence of Pc4 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.

5. **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.

6. 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.

7. 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.

8. 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.

9. 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.

10. 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.

11. Ansari, I.A, Khan, M.T.(2010), “*Dependence of Pc4 Occurrence on Kp values at Low Latitudes in India*”, Published in the Pre-proceedings of the “National Seminar on “Solar Activity and Cosmic Ray Modulation,” held at Govt. Autonomous P.G. College, Satna (M.P.), 9-10 October, 2010 [Sponsored University Grant Commission, Bhopal (M.P.)].pp 1-18.

List of Publications in National and International Conferences/symposia/workshops/Webinar:

1. Khan, M.T., Singh A.K., Sinha, A. K., (2021), “*Diurnal and Seasonal Variations on Pc4 MHD wave with Kp indices at equatorial latitude and their dependence with Interplanetary Magnetic Field (IMF)*”, presented a paper in the online International Conference on “Recent Advances & Innovation in Technology, Management & Applied Sciences (ICRAITMS-2021)”, Organized by Department Sciences and Humanities of St. Martin’s Engineering College, Dhulapally, Secunderabad, T.S, India, 19-20 March, 2021.

- 2. Khan, M.T.** and Singh A.K., (2020), “*Statistical Characteristics of Pc4 Magnetic Pulsation with Kp indices and its Variation on Solar wind Velocity*”, presented a paper in the First online International Conference on “Continuity Consistency and Innovation in Applied Sciences and Humanities (ICCIASH-2020)” Organized by Department Sciences and Humanities of St. Martin’s Engineering College, Dhulapally, Secunderabad, T.S, India, 13-14 August, 2020.
- 3. Khan, M.T. and** Singh A.K., (2020), “*Spectral Characteristics of Pc4 Magnetic Mircopulsation*”, presented a paper in an online Multi-Disciplinary International seminar on “WAYS AND MEANS TO COMBAT EDUCATION CHALLENGES EMERGING DUE TO PANDEMIC COVID-19”, Organized by Department of Endocrine Surgery King Georges’ Medical University, Lucknow, Uttar Pradesh, India, 19 June, 2020.
- 4. Khan, M.T.** and Singh, A.K., (2020), “*Diurnal and Seasonal Variation of Pc4 Magnetic Mircopulsation with Kp values at low Latitudes in India* ”, Presented a paper in a National e-Conference on “Interdisciplinary Research in Science and Technology”, Organized by Amiruddaula Islamia Degree College Lucknow, Uttar Pradesh, India, 30-31 May, 2020.
- 5. Khan, M.T.** (2020), “ *Statistical Characteristics Pc4 Magnetic Mircopulsation with Kp indices at low Latitudes in India* ”, Presented a paper in a International webinar on “Prospective of Interdisciplinary Research in Science and Technology in the Present Scenario ”, Organized by Chaudhary Charan Singh University Meerut, Uttar Pradesh, India, 15-16 May, 2020.
- 6. Khan, M.T.** (2020), “ *ULF Waves and its Theoretical Description* ”, Presented a paper in a National Conference on “Environment and Biodiversity: Challenges and Strategies in 21st Century (EBCS-2020”, Organized by Department of Zoology, Agra College, Agra, Uttar Pradesh, India, 02-03 March, 2020.
- 7. Singh, A.K. and Khan, M.T.** (2020), “*Dependence of Pc4 Occurrence on Kp values at Low Latitude in India*”, presented a paper in a 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 Ferbruary, 2020.
- 8. Khan, M.T., Khan, M.A.,** (2018), “*ULF Wave and its Theoretical Description*”, presented a paper in the “International Conference on “Digital India: Empowering the Society,” Organized by Bareilly College, Bareilly (U.P.), India, 27th January, 2018.
- 9. Khan, M.T.** (2017) etal., “*Pc4 Magnetic Pulsation at low Latitudes in India and its Dependence on Solar Wind Velocity* ”, Presented a paper in a National Seminar on “Digital India: Digital Empowerment to Citizens ”, Organized by RLS Government Mahila PG College, Pilibhit, India, 14-15 January, 2017.
- 10. Khan, M.T.** (2017), “*Spectral Characteristics of Pc4 Magnetic Micropulsation at Low Latitudes in India*”, presented a paper in a National Seminar on “Bio- Degradation of wildlife, Environment and Biodiversity (B-WEB-2017)”, Organised by Dept. of Zoology, Gandhi Faiz-E-Aam College, Shahjahanpur, India, 19-20 March, 2017.

11. Khan, M.T. (2017), "*Energy Monitoring and renewable Energy sources in Environment*", presented a paper in a National Seminar on "*Bio- Degradation of wildlife, Environment and Biodiversity (B-WEB-2017)*", Organised by Dept. of Zoology, Gandhi Faiz-E-Aam College, Shahjahanpur, India, 19-20 March, 2017.

12. Khan, M.A., **Khan, M.T.**, and Ali, R., (2017), "*Development of Nuclear Energy*", presented a paper in a National Seminar on "*Bio- Degradation of wildlife, Environment and Biodiversity (B-WEB-2017)*", Organised by Dept. of Zoology, Gandhi Faiz-E-Aam College, Shahjahanpur, India, 19-20 March, 2017.

13. Khan, M.A., Khan, M.T., and Ali, R., (2017), "*The Impact of Terrorism on Financial Market*" presented a paper in 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

14. Khan, M.T. (2016), "*Statistical Characteristics of Pc4 Magnetic Micropulsation at Low Latitudes in India*", Presented a paper in a National Seminar on "*Emerging Trends in Applied Sciences*", Organized by School of Basic And Applied Sciences GALGOTIAS, University, India, 23-24 September, 2016.

15. Khan, M.T. (2016), "*Relation between science and Ethics*", Presented a paper in a National Seminar on "*Promotion of Ethics and Human Values*", Organised by Dept. of Political Science, Gandhi Faiz-E-Aam College, Shahjahanpur, India, 01 February, 2016.

16. Khan, M.T. (2016), "*Environmental Issues in Developing Asia*", Presented a paper in a National Seminar on "*Promotion of Ethics and Human Values*", Organised by Dept. of Botany, Gandhi Faiz-E-Aam College, Shahjahanpur, India, 26 – 27 November, 2016.

17. Khan, M.T. (2016), "*Pc4 Magnetic Pulsation at low Latitudes in India*", Presented a paper in international Seminar on "*New Scintillations on Materials Horizon: ICNSMH-2016*", organized by Dept. of Applied Physics, Faculty of Engg. And Technology, MJPRU, Bareilly, India, 21-23 October, 2016.

18. Khan, M.T. (2014), "*Diurnal Variation of Pc4 Magnetic Micropulsations*", presented a paper in a National Seminar on "*Reshami Rumal Tahreek aur Shaikhul Hind Maulana Mahmood Hasan*", Organised by Dept. of Political Science, Gandhi Faiz-E-Aam College, Shahjahanpur, India, 15 – 16 December, 2014.

19. Ansari, I.A., Khan, M.T. (2011), "Control of Kp Values on Pc4 Occurrence at Low Latitudes in India", Oral presentation in the UGC Sponsored "Third National 6. Seminar (RTAMPS-2011) on Recent Developments in the field of Mathematical and Physical Sciences", 5-6 February, 2011, D.N. College, Meerut (India).

20. Ansari, I.A., Nafees, K.A. and Khan, M.T. (2010), "Diurnal and Seasonal Study of Pc4 Frequencies at Low Latitudes", Paper presented to the national level seminar on "Effects of

Space Weather on Human Environment and Technological Systems”, Govt. Dr. W.W.PATANKAR Girls’ P.G. College, DURG (C.G.)-491001, 15-16, February, 2010.

21. Ansari, I.A, **Khan, M.T.** and Nafees, K.A. (2010), “Kp Dependence of Pc4 Geomagnetic Pulsations at Very Low Latitudes in India”, Paper presented to the 16th National Space Science Symposium, Department of Physics, Saurashtra University, Rajkot-360005, 24-27, February, 2010.

22. Ansari, I.A, **Khan, M.T.**(2010), “Dependence of Pc4 Occurrence on Kp values at Low Latitudes in India”, Oral presentation in the UGC Sponsored “National Seminar on “Solar Activity and Cosmic Ray Modulation” held at Govt. Autonomous P.G. College, Satna (M.P.), 9-10 October, 2010 [Sponsored University Grant Commission, Bhopal (M.P.)].

23. Ansari, I.A. and **Khan, M.T.**, [2010 (b)], “ Effect of Plasmopause on Kp Dependence of Pc4 Frequencies at Low Latitude in India”, Oral presentation at the 25th National Symposium on Plasma Science and Technology (PLASMA-2010), 8-11 December , 2010, Institute Of Advance Study In Science and Technology (IASST), Paschim Boragaon, Garchuk Guwahati-781035, India.

24. Ansari, I.A. , Nafees, K.A. and **Khan, M.T.** (2009), “Statistical Characteristics of Pc4 Frequencies at Low Latitudes in India”, Paper presented to the “24th National Symposium on Plasma Science & Technology (PLASMA-2009)”, National Institute of Technology, Hamirpur (Himachal Pradesh), India, 8-11 December, 2009.

No. of National and International Seminar/ Workshops/ Webinar:

1. Participated in the online International webinar on “**Mitigating Global Warming and Climate Change: Need of Hydrogen Energy**” organized by Department of Physics and Electronics, Hansraj College in association with IQAC Hansraj College on 18th September 2021.

2. Participated in the online International webinar on “**Thermoluminescence and its Applications**” conducted by Department of Physics, BMS Institute of Technology and Management held on August 5, 2020.

3. Participated in the National webinar on “**IMPACT INDICATORS OF RESEARCH OUTPUT,**” organized by ANAND International College of Engineering, held on 22 July, 2020.

4. Participated in the online International webinar on “**Basics of IR and Raman Spectroscopy,**” organized by Department of Physics, Avinashiligam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu, India on June 24, 2020.

5. Participated in the online National webinar on “**Pushing Your Photonic Ideas into Innovation through Crowdfunding,**” organized by Manipal University, Jaypur, India June 22, 2020.

6. Participated in the online Quiz on “***Innovation and Advances in Applied Physics***” organized by Department of Humanities & Sciences (Physics), Gurunanak Institutions Technical Campus (Autonomous), Hyderabad, Telagana, India, June 17, 2020.
7. Participated in the International e- Conference on “***Advanced Functional Materials and Optoelectronic Devices***,”organized by Veer Bahadur Singh Purvanchal University, Jaunpur, Uttar Pradesh, India, 13-14 June, 2020. 2.
8. Participated in the National Conference on “***Recent Application of Applied Sciences & Humanities***,” organized by Government College Santnall, Mahendergarh (Haryana) & Society of Scintific Research and Education, India, June 07, 20
9. Participated in the National webinar on “***Virtual Lab***” conducted by F.E.T, M.J.P, Rohilkhand University, Bareilly, Uttar Pradesh, India, June 06, 2020.
10. Participated in the National Wabinar on “***Physics and Electronics in Fight against Pandemic Covid-19***,” organized by Rani Durgavati University, Jabalpur (M.P.), India, May 22, 2020.
11. Participated in the seven days International Wabinar on “***Survival Strategies for Post COVID-19 Era: Perspectives from Science, Technology & Social Science***,” Jointly organized by Department of Physics, Ewing Christian College, Allahabad & Indian Association of Physics Teachers (IAPT), India, May 20-26, 2020.
12. Participated in the National Wabinar on “***Physics and Electronics in Fight against Pandemic Covid-19***,” organized by Rani Durgavati University, Jabalpur (M.P.), India, May 22, 2020.