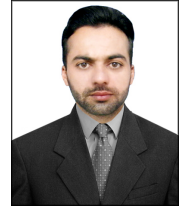


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Personal Information: Father Name: Jamshed Khan
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Place of Birth: Charsadda
CNIC No: 17102-7411917-5
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Research Interests: General Relativity, Mathematical Physics, Gravitational Physics .

Education:

PhD (Applied Mathematics) Department of Mathematics University of Peshawar. Thesis Title: <i>A Study of Relativistic Models in Modified Theories of Gravity.</i>	In Progress
MS (Applied Mathematics) Department of Mathematics COMSATS University, Abbottabad Campus. Thesis Title: <i>Gravitational Collapse in $f(R)$ Gravity.</i>	2016
M.Sc. (Mathematics) Department of Mathematics Bacha Khan University.	2014
Bachelor of Science (B.Sc.) University of Peshawar, Peshawar.	2012
F.Sc. (Pre-Engineering) BISE Peshawar.	2010
SSC (Science) BISE Peshawar.	2008
B.Ed (Bachelor of Education) AIOU Islamabad.	2016

Distinction: Third position (Bronze Medal) in M.Sc., Bacha Khan University, Charsadda.

Awards:

- Prime Minister's Fee Reimbursement Scholarship in M.Sc.
- Prime Minister's Fee Reimbursement Scholarship in MS.
- Prime Minister's Fee Reimbursement Scholarship in P.hD.

Publications:

- Ahmad, Z.; **Khan, S. M.** Higher-dimensionanl dust collapse in $f(R)$ gravity, *Turk. J. Phys.* **2017**, 41, 104 – 112.
- Abbas, G.; Ahmad, Z.; **Khan, M. S.**; Zubair, M. Higher-dimensional inhomogeneous perfect fluid collapse in $f(R)$ gravity, *Eur. Phy. J. C.* **2017**, 77, 443(1 – 7). (**5.172 IF**)
- Khan, S.; **Khan, M. S.**; Ali, A. Higher Dimensional Gravitational Collapse of Perfect fluid Spherically Symmetric Spacetime in $f(R, T)$ gravity, *Modern Physics Letters A.* **2018**, 33(12), 1850065. (**1.391 IF**)
- **Khan, S. M.**; Khan, S. Effects of Electromagnetic Field on Gravitational Collapse in $f(R, T)$ Gravity, *General Relativity and Gravitation.* **2019** 51 : 148. (**1.721 IF**)
- Khan, S.; **Khan, M. S.**; Ali, A. Final fate of charged anisotropic fluid collapse in $f(R)$ gravity, *Modern Physics Letters A.* **2020**, 2050238. (**1.391 IF**)

Experience:

- Currently working as a Lecturer at Department of Mathematics and Statistics, Bacha Khan University Charsadda from 16th Nov 2020 to till date.
- Visiting Lecturer at Department of Mathematics, Abbottabad University of Science and Technology, Abbottabad from 04th Oct 2017 to 15th Nov 2020.

Workshops/Seminars/Conferences:

- 1st PU International conference on Gravitation and Cosmology January 27-31, 2019 University of the Punjab, Lahore-Pakistan.
- Computational Complexities, Innovations and Solutions (CCIS) May 9-10, 2016 CIIT Abbottabad. (Speaker)
- International Conference on Recent Advances in Applied Mathematics (ICRAAM) December 17-18, 2015 CIIT Lahore.
- Computational Complexities, Innovations and Solutions (CCIS) May 11-12, 2015 CIIT Abbottabad.
- International Conference on Relativistic Astrophysics (ICRA) February 10-14, 2015 University of the Punjab, Lahore-Pakistan.
- One day International Workshop on Computational Mathematics with Applications (IWCMA-2014) 10th march, 2014 SBBW University, Peshawar.

Courses taught undergraduate level:

Differential Equations, Linear Algebra, Calculus and Analytical Geometry, Calculus-II, Numerical methods and Linear Programming, Partial Differential Equations, Number Theory, Mathematics for Chemists, Mathematics for Economics, Mathematics for Geology.

Languages and Computer Skills:

- Mother tongue Pashto.
- Can Read, Write and speak easily Urdu and English.
- LaTeX, MS Office (Word, Point, Excel) and well experience of using Internet, Email etc.

References:

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