Dr. Jamil Ahmed

Assistant professor (Department of IT & CS)

PAF-IAST, Mang (Haripur)
jamil.ahmed@fecid.paf-iast.edu.pk
Contact # Personal (Optional) +92-336-5571763
https://www.researchgate.net/profile/Jamil-Ahmed-3?ev=hdr_xprf

Education

- PhD (2019): Mathematics, Quaid-i-Azam University, Islamabad. Thesis title: Black Holes: Quartic Quasi-topological Gravity and Greybody Factor.
- M.Phil. (2011): Mathematics, Quaid-i-Azam University, Islamabad. Thesis title: Hawking Radiations from Charged Rotating Black Strings.

Professional Experience

1: Teaching Experience:

- **Assistant professor** in the Department of IT & CS, PAF-IAST **(Nov. 2022 to date).**
- **Assistant Professor** in School of Applied Sciences and Humanities, National University of Technology, Islamabad **(Aug. 2019 to Nov. 2022).**
- **Lecturer** in Department of Mathematics, COMSATS University Islamabad, **(March 2013 to Aug. 2019).**

Awards

- Best research paper award in mathematics for the year 2017, awarded by HEC.

Research Publications

08 International Publications in ISI indexed journals, impact factor of **45**, citations **210** and *h*-index **06.**

- **Quantum tunneling from accelerating three-dimensional black hole,** UA Gillani, J Ahmed, M Rehman, Physics Letters B 834, 137439 (2022). (Impact factor: 4.9).
- **Entropic cosmology for Rényi entropy,** M Naeem, J Ahmed, A Bibi, The European Physical Journal Plus 137 (8), 1-13 (2022). (Impact factor: 3.7).
- **Black hole chemistry and holography in generalized quasi-topological gravity,** M Mir, RA Hennigar, J Ahmed, RB Mann, Journal of High Energy Physics 2019 (8), 1-70. (Impact factor: 6.8).
- **Greybody factor of a scalar field from Reissner–Nordström–de Sitter black hole,** J Ahmed, K Saifullah, The European Physical Journal C 78, 1-8 (2018). (Impact factor: 5.3).
- **Quintessential quartic quasi-topological quartet**, J Ahmed, RA Hennigar, RB Mann, M Mir, Journal of High Energy Physics 2017 (5), 1-46. (Impact factor: 6.8).