## In Loving Memory of Professor Syed M. Tariq Rizvi

Departed this world, December 24th, 2023

Born into the esteemed Rizvi family of Aligarh, Prof. Tariq Rizvi's academic journey began at Aligarh Muslim University (AMU), where he inherited a legacy of intellectual excellence. His father, Prof. Syed Kazim Rizvi, was a luminary in the field of Mathematics and Statistics, and his older brothers, Prof. Hashim Rizvi, and Dr. Asim Rizvi, excelled in Physics and Medicine, respectively. Tariq Rizvi carried this torch of knowledge forward with dedication and pride.



After completing his early education at AMU, Tariq Rizvi ventured to Canada to pursue higher studies. He earned his Ph.D. from McMaster University under the guidance of Professor Bruno Mueller in 1981. His dissertation "Contributions to the Theory of Continuous Modules" provided a broader understanding and generalization of injective and quasi-injective modules, pivotal in module theory. After a post-doctoral fellowship at the University of Waterloo in Canada, he joined Ohio State University in Lima as an Assistant Professor in 1982. Over the next four decades, he

ascended the academic ranks, culminating in his appointment as a full professor in 1997.

Professor Rizvi, a distinguished mathematician, is widely recognized for his groundbreaking research in the theory of rings and modules. A recipient of the **Outstanding Scholar Award** from Ohio State University (OSU) and the **Fulbright Fellow Award** from the Fulbright Board in Washington, D.C., he has made significant contributions to his field.

With an impressive portfolio of research, Professor Rizvi has authored numerous papers published in prestigious international journals and his scholarly work, *Extensions of Rings and Modules*, a book he co-authored with Gary Birkenmeier and Jae Park, published by Birkhäuser in 2013. Additionally, he has co-edited five research volumes with esteemed publishers. His expertise is further reflected in his role on the editorial boards of ten international journals, where he served as managing or executive editor for two. Tariq Rizvi's contributions to the Theory of Rings and Modules were not only significant but also left an indelible mark on the academic community.

Professor Rizvi was a sought-after speaker, having delivered over 120 invited talks at national and international conferences, including many as a plenary speaker. His commitment to advancing mathematics is evident in his active involvement in organizing sessions at conferences, such as those hosted by the American Mathematical Society and the Ohio State-Denison Math Conference series.



Beyond his academic pursuits, Tariq Rizvi remained deeply connected to his roots. His alma mater, AMU, held a special place in his heart, and he played a pivotal role in strengthening the bonds between the university and academic community. His deep connection with AMU manifested in his key role in organizing conferences, fostering networking among scholars, and extending invitations to international scholars. Tariq Rizvi's dedication to AMU went beyond the call of duty; he sought to create an environment where knowledge could flourish, and ideas could be exchanged freely.

In addition to his scholarly publications, Tariq Rizvi's impact on the academic world was profound through the mentorship of numerous PhD students. His guidance and support helped shape the careers of aspiring mathematicians, leaving an enduring legacy in the form of those he mentored.

Despite officially retiring in 2022, Prof. Tariq Rizvi continued to be an active mentor, guiding numerous PhD students, and offering valuable insights to those who sought his wisdom. His impact reached far beyond the confines of the classroom, as he remained a source of inspiration and encouragement for all who crossed his path.

Tariq Rizvi's warm and affable personality endeared him to everyone he met. While he may not have been active on social media, his presence on the AMU Network (a global social and professional networking email group for AMU alumni, established

by the undersigned approximately 25 years ago, with current membership of over 35,000 individuals from around the world) and regular private communications through emails and phone calls bore testimony to the genuine connections he maintained. Even during his illness, he displayed an unparalleled spirit, finding the time to inquire about the well-being of friends and their families.



Prof. Tariq Rizvi leaves behind a legacy of academic brilliance, camaraderie, and kindness. He is survived by his loving wife, Seema Rizvi, and their sons, Ali, and Faiz. The broader Aligarh fraternity joins hands with his family in mourning this profound loss. To those who were fortunate enough to know him, Tariq Rizvi was more than a friend; he was an older brother, a mentor, and a source of unwavering support.

During this challenging time, our thoughts and prayers are with his family and the larger academic community.

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