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Mohammad K. Azarian* (azarian@evansville.edu), Department of Mathematics, University of Evansville, 1800 Lincoln Avenue, Evansville, IN 47722. *Nizām al-Dīn ‘Abd al-‘Alī ibn Muhammad ibn Husain al-Bīrjandī, a 16th Century Polymath Genius*. Preliminary report.

Nizām al-Dīn ‘Abd al-‘Alī ibn Muhammad ibn Husain al-Bīrjandī (known as ‘Abd al-‘Alī Bīrjandī) a student (and colleague) of both Jamshīd al-Kāshī and his cousin Mu‘īn al-Dīn al-Kāshī, was a renowned 16th century Persian astronomer, mathematician, physicist, and logician, who lived in Birjand, the center city of Southern Khorāsān province in Iran. Like most people of that era, there is no record of his date of birth. However, it is believed that he died sometime in 934 A.H.L. (ca. 1528). He is buried in a village on the outskirts of the city of Birjand called Wujd. From an inspiring list of Bīrjandī’s work in diverse areas, without exaggeration, one could label him a polymath. He wrote some of his work in his native Persian language. However, to make his work more accessible to a wider readership he wrote most of his work in Arabic. Although he was known for his numerous contributions in astronomy, he also wrote impressive treatises, commentaries, and books on mathematics, astrology, logic, cosmology, and agriculture. The most well known of his work in the West is his *Sharh-i Zaīj-i Ulugh Beg*. (Received September 12, 2015)