

## *Curriculum Vitae*

### **Gunel Bahaddinova**



PhD in Astronomy

Dean of Graduate School of Science, Arts  
and Technology

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**Dr. Gunel Bahaddinova** currently serves as the Acting Dean of the Graduate School of Science, Arts and Technology, as well as the Scientific Secretary at Khazar University. She joined Khazar University in June 2021 and holds a PhD in Astronomy, having completed her doctoral studies at the Shamakhy Astrophysical Observatory named after N. Tusi. Dr. Bahaddinova's research focuses on the formation and evolution of young stars, with her PhD dissertation titled "The Role of the Circumstellar Environment in the Activity of Young Stars." In addition to her research, she teaches courses in Astronomy, General Physics, and Electromagnetism at the undergraduate level.

### **Education**

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Ph.D in Astronomy ANAS, Shamakhy Astrophysical Observatory named after N. Tusi, Azerbaijan	April 2018
Master in Astrophysics Department of Physics, Baku State University, Azerbaijan	July 2010
Bachelor in Astrophysics Department of Physics, Baku State University, Azerbaijan	July 2008

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## Scientific and professional experience

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Dean of Graduate School of Science, Arts and Technology Khazar University, Azerbaijan	October 2024 – present
Scientific Secretary Khazar University, Azerbaijan	October 2022 – present
Vice Dean for Scientific Affairs of Graduate School of Science, Arts and Technology Khazar University, Azerbaijan	January 2023 – October 2024
PhD coordinator of Graduate School of science, Arts and Technology Khazar University, Azerbaijan	June 2021-January 2023
Physics Lecturer Western Caspian University, Azerbaijan	September 2017- June 2021
Physics Lecturer (part time) Azerbaijan British College	October 2019-February 2020
Research Ondrejov Observatory, Czech Republic	August 8-22, 2018
“Erasmus +” teachers exchange program Pitesti University, Romania	May 28 – June 01, 2018
Physics and Astronomy Lecturer (part time) Baku State University, Azerbaijan	September 2015- January 2018
Scientific Researcher (Part time) ANAS, Shamakhy Astrophysical Observatory named after N. Tusi, Department of “Galaxies and star formation processes”, Azerbaijan	September 2017-May 2023
Scientific Researcher ANAS, Shamakhy Astrophysical Observatory named after N. Tusi, Department of “Spectroscopy of Space Body”, Azerbaijan	October 2011-August 2017
Junior scientific researcher ANAS, Shamakhy Astrophysical Observatory named after N. Tusi, Department of “Spectroscopy of Space Body”, Azerbaijan	October 2009 - September-2011

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<b>Language skills</b>	<b>Reading</b>	<b>Writing</b>	<b>Speaking</b>
<b>English</b>		advanced	
<b>Russian</b>		good	
<b>Azerbaijani</b>		native language	
<b>Turkish</b>		advanced	

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## Grants

- Grand of Azerbaijan Youth Foundation near President of Azerbaijan - “Popularization of Astronomy and Cosmos Science”, 25 September-25 December, 2016
  - Grand of Science Development Foundation Under the President of the Republic of Azerbaijan “Spectral and photometric researches of selected T Tauri and Ae/Be Herbig type stars” (Research team member), 2011.
  - Grand of TWAS Research Grants Programme for Individual Scientists and Research Units “A structure and dynamics of circumstellar envelopes in pre-main-sequence emission-line stars” (Research team member), 2010.
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## Publications

- G.R. Bahaddinova, N.Z. Ismailov, U.Z. Bashirova, Variations of Some Spectral Lines in the Spectrum of V 1295 AQL, *Astronomical Journal of Azerbaijan* 17 (2), 2022
  - G.R. Bahaddinova, N.Z. Ismailov, U.Z. Bashirova, Long Time Spectral Variations of the Star HD 190073, *OBA Stars: Variability and Magnetic Fields*, 11, 2021
  - G.R. Bahaddinova, N.Z. Ismailov, U.Z. Bashirova, Circumstellar Spectral Variations of the Star HD 190073, *Astronomical Journal of Azerbaijan* 15 (1), 2020
  - N.Z. Ismailov, M.A. Pogodin, G.R. Bahaddinova, U.Z. Bashirova, Long-Time Spectral Variability of the Star IL Cep A, *Astronomical Journal of Azerbaijan* 15 (1), 2020
  - N.Z. Ismailov, M.A. Pogodin, U.Z. Bashirova, G.R. Bahaddinova, The Herbig Be Star IL Cep A as a Long-Periodic Spectroscopic Binary, *Astronomy Reports* 64, 23-33, 2020
  - N.Z. Ismailov, M.A. Pogodin, U.Z. Bashirova, G.R. Bahaddinova, Results of Long Time Spectral
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- N.Z. Ismailov, O.V. Khalilov, G.R. Bakhaddinova, Optical spectrum variations of IL Cep A, Astronomy Reports 60, 265-279, 2016
  - Н.З. Исмаилов, О.В. Халилов, Г.Р. Бахаддинова, Переменность оптического спектра IL Cep A, Астрономический журнал 93 (2), 224-224, 2016
  - N.Z. Ismailov, O.V. Khalilov, G.R. Bahaddinova, G.B. Mamedxanova, Planet Formation Processes in AB Aur, Physics and Evolution of Magnetic and Related Stars 494, 293, 2015
  - N.Z. Ismailov, O.V. Khalilov, G.R. Bahaddinova, HE I 5876 line structure in the spectra of IL Cep A, Odessa astronomical publications, 231-234, 2015
  - NZ Ismailov, HN Adigezalzade, GR Bahaddinova, Periodic Variability of RY Tau, Publications of The Korean Astronomical Society 30 (2), 229-230, 2015
  - N.Z. Ismailov, G.R. Bahaddinova, H.A. Abdi, Magnetic Fields of T Tauri Stars in the Framework of Disk Accretion Theories, Azerbaijani Astronomical Journal 8 (4), 10-17, 2013
  - N.Z. Ismailov, G.R. Bahaddinova, O.V. Khalilov, Долговременная переменность в спектре IL Cep, Известия Крымской астрофизической обсерватории 109 (3), 150-160, 2013
  - NZ Ismailov, GR Bahaddinova, HA Abdi, Магнитные поля у звезд типа Т Тельца в рамках теорий дисковой аккреции, Известия Крымской астрофизической обсерватории 109 (4), 126-133, 2013
  - N.Z. Ismailov, G.B. Bakhaddinova, O.B. Khalilov, K.M. Mikailov, Spectral variability of IL Cephei, Astrophysical Bulletin 68, 196-207, 2013
  - G.R. Baxaddinova, N,Z, Ismailov, Diffuse interstellar bands in the spectrum of IL CEP; Diffuznye mezhvyozdnye polosy v spektre IL CEP, Izvestiya Akademii Nauk Azerbajdzhanskoj SSR, Seriya Fiziko-Tekhnicheskikh, 2012
  - G.R. Baxaddinova, NZ Ismailov, Diffuse interstellar bands in the spectrum of IL CEP, Transactions of Azerbaijan National Academy of Sciences. Series of Physical, 2012
  - N.Z. Ismailov, P.N. Shustarev, A.N. Adigezalzade, G.R. Bahaddinova, Variability of the Spectrum and Brightness of RY Tau, Astronomy letters 37, 783-790, 2011
  - N.Z. Ismayilov, H.N. Adygezalzade, G.R. Bahaddinova, Synchronical Monitoring UV Spectrum of RY Tau, Azerbaijani Astronomical Journal 6 (3), 18-25, 2011
  - N.Z. Ismayilov, H.N. Adygezalzade, G.R. Bahaddinova, Variability of Brightness and UV Spectrum of DR Tau, Azerbaijani Astronomical Journal 6 (2), 19-25, 2011
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