

# Curriculum Vitae

## PERSONAL INFORMATION

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Sex Male | Date of birth 29 November 1983 | Nationality Egyptian

## POSITION

Astronomer

## WORK EXPERIENCE

29/3/2018–Present

**Researcher**

National Research Institute of Astronomy and Geophysics (NRIAG), Helwan (Egypt)

1/8/2011–28/2/2018

**Assistant Research**

National Research Institute of Astronomy and Geophysics (NRIAG), Helwan (Egypt)

11/4/2006–27/7/2011

**Research Assistant**

National Research Institute of Astronomy and Geophysics (NRIAG), Helwan (Egypt)

## EDUCATION AND TRAINING

1/10/2012–28/2/2018

**PhD Degree**

Astronomy Department, Science College, Azhar University., Cairo (Egypt)

PHD title:

**Spectroscopic and photometric studies of some Be star**

1/3/2008–27/6/2011

**Master degree**

Astronomy Department, Science College, Azhar University., Cairo (Egypt)

M. Sc. Title:

**Model Atmosphere Analysis of normal B-type stars**

19/10/2007–6/7/2008

**Pre M.Sc: Astronomy**

Astronomy department, science college, Azhar university, Cairo (Egypt)

Subjects Included:

Solar physics, Spherical Astronomy, celestial Astronomy, Astrophysics, Star formation, interstellar mater.

20/9/2002–10/6/2005

**Bachelor of Science in Astronomy**

Azhar University, Cairo (Egypt)

Subjects Included:

Mathematics, chemistry, physics, Solar physics, Spherical Astronomy, celestial Astronomy,

Astrophysics

## PERSONAL SKILLS

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Mother tongue(s) Arabic

Other language(s) English

Communication skills

- Good verbal and written communication skills both in an office environment and with external stakeholders.
- Experienced at giving presentations to large audiences.

Organisational / managerial skills

- Good organizational and prioritisation skills. Computer

Job-related skills

- Have an excellent experience in using 74 inch Telescope and Celestron 14 inch at Kottamia observatory, Cairo, Egypt.
- 4 Nights of observations on 2M Onderjov telescope ( Onderjov, Czech)
- 6 Nights of observations on UT2 /VLT telescope (ESO,Paranal, Chile)
- 5 Nights of observations on 2.2 telescope ( ESO. La silla, Chile)
- Good experience with data analysis and reduction of CCD observations.

Computer skills

- Excellent command of office suite (word processor, spread sheet, presentation software)
- Good experience with Latex
- Some skills for python
- Some skills for MATLAB

## ADDITIONAL INFORMATION

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Statement of research interest:

- My research interest is concerned about the observations of stars and calculating physical parameters using model atmosphere and other program, I study category of B stars with and without emission lines

Conferences

- The Arab Conference on Astronomy and Geophysics, ACAG 7<sup>th</sup>
- The 3<sup>rd</sup> Arab Conference on Astronomy and Geophysics.
- The 2<sup>nd</sup> Arab Conference on Astronomy and Geophysics.
- The 1<sup>st</sup> Arab Conference on Astronomy and Geophysics.

Travel aboard

- One year in ESO (European southern observatory), Chile. Scholarship (2015).
- Two week in Ondrejov observatory Czech Republic, scientific visiting ( 2014)

# Curriculum Vitae

- Schools**
- First Advanced ArAS School for Astrophysics, Egypt [Lecturer & Trainer]
  - Fourth ArAS School for Astrophysics (ArAS SfA-4) [Trainer]
  - 40th International School for Young Astronomers (ISYA) , Egypt (ISYA 2018) [Organizer]
  - The current and future observing facilities: a guided tour, Advanced school (Belgrade, 2-7 September 2018) ) [Student].
  - ESO/NEON observing school at La silla observatory (2015) [Student].

- Discoveries (New Stars  
In AAVSO)**
- KAO-EGYPT J225702.44+523222.1
  - KAO-EGYPT J222516.76+362017.8
  - KAO-EGYPT J200107.70+054221.6

## Publications

- **An astrometric and photometric study of the young open cluster NGC 2168 and its possible member [NBN2015]77**  
Abdelaziz, A. E.; Saad, S. M.; HENDY, Y. H. M.; **Shokry, A.**; Kamal, F. Y, 2022NewA,9201727
- **Autofocusing Optimal Search Algorithm for a Telescope System**  
Helmy, Islam; Hamdy, Alaa; Eid, Doaa; **Shokry, Ahmed**, 2021JAI, 1050012
- **Kottamia Faint Imaging Spectro-Polarimeter (KFISP): opto-mechanical design, software control and performance analysis**  
Azzam, Yosry A.; Elnagahy, F. I. Y.; Ali, Gamal B.; Essam, A.; Saad, Somaya; Ismail, Hamed; Zead, I.; Ahmed, Nasser M.; Yoshida, Michitoshi; Kawabata, Koji S.; Akitaya, Hiroshi; **Shokry, A.**; HENDY, Y. H. M.; Takey, Ali; Hamed, G. M.; Mack, Peter. 2021ExA, trp, 120A
- **An Astrometric and Photometric Study of the Intermediate-Age Open Cluster NGC 2158 and its Eclipsing Binary [NBN2015]78**  
Abdelaziz, A. E.; HENDY, Y. H. M.; **Shokry, A.**; Saad, S. M.; Kamal, F. Y.; EDRIS, K. A. 2020RMxAA, 56, 245A
- **Analysis of a Short Periodic Pulsator: SX Phoenicis Star XX Cyg**  
Abdel-Sabour, Mohamed; **Shokry, Ahmed**; Ibrahim, Ahmed. 2020RMxAA, 56, 287A
- **New CCD photometry and light curve analysis of two WUMaBinaries: 1SWASP J133417.80+394314.4 and V2790 Orion**  
**Shokry, A.**; Zead, I. Z.; El-Depsey, M. H.; Darwish, M. S.; Hassan, I. A.; Shaltout, A. M. K.; Saad, M. S.; Nouh, M. 2020NewA, 800, 1400
- **Stellar parameters of Be stars observed with X-shooter**  
**Shokry, A.**; Rivinius, Th.; Mehner, A.; Martayan, C.; Hummel, W.; Townsend, R. H. D.; Mérand, A.; Mota, B.; Faes, D. M.; Hamdy, M. A.; Beheary, M. M. ; Gadallah, K. A, and Abo-Elazm, M, S, 2018A&A...609A.108S
- **Stellar Galactic or extragalactic chemical tagging for NGC 3201?. Discovery of an anomalous CN-CH relation**  
Dias, B.; Araya, I.; Nogueira-Cavalcante, J. P.; Saker, L.; **Shokry, A.** 2018A&A...614A.146D
- **Photometric study of two eclipsing binary stars: Light curve analysis and system parameters for GU CMa and SWASP J011732.10+525204.9**  
**Shokry, A.**; Saad, S. M.; Hamdy, M. A.; Beheary, M. M.; Abolazm, M. S.; Gadallah, K. A.; El-Depsey, M. H.; Al-Gazzar, M. S. 2018, NewA.. 59. 8
- **VRI photometry and light curve analysis of short period W UMa-Type 1SWASP J222514.69 + 361643.0**  
El-Depsey, M. H.; Abo-Alazm, M. S.; Saad, M. S.; Hassan, I. A.; Shaltout, A. M. K.; Zeid, I.; **Shokry, A.**; Darwish, M., 2017. NewA.. 56. 50
- **Kottamia 74-inch telescope discovery of the new eclipsing binary KAO-EGYPT J225702.44+523222.1.: First CCD photometry and light curve analysis**  
**Shokry, A.**; Darwish, M. S.; Saad, S. M.; Eldepsy, M.; Zead, I., 2017. NewA. 55. 27
- **Kottamia 74-inch telescope discovery of the new eclipsing binary 2MASS J20004638 + 0547475.: First CCD photometry and light curve analysis**  
Darwish, M. S.; **Shokry, A.**; Saad, S. M.; El-Sadek, M. A.; Essam, A.; Ismail, M., 2017. NewA. 53. 35
- **New CCD photometry of the eclipsing binary system V1067 Her**  
Darwish, M. S.; Saad, M. S.; Hanna, M. A.; Nasser, M. A.; Hamdy, M. A.; Beheary, M. M.; Gadallah, K. A.; **Shokry, A.** , 2017. NewA.. 50. 12
- **Photometric study of the newly discovered short period eclipsing binary 1SWASP J133105.91 + 121538.0**  
Elkhateeb, M. M.; Saad, S. M.; Nouh, M. I.; **Shokry, A.**, 2014. NewA.. 28. 85
- **Model Atmosphere Analysis of normal B-type stars**  
Saad, Somaya M.; Nouh, Mohamed , **Shokry, A.** Nriag journal.