

# MEHEDI HASSAN

**Scientific Officer (Health Physics)**  
**Electronics and Health Physics Section**  
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## Curriculum Vitae

### Personal Details:

Father's Name: MD. ABU JAFOR  
Mother's Name: MRS. AKLIMA KHATUN  
Nationality: Bangladeshi (By Birth)  
Date of Birth: 21 May, 1996  
Religion: Islam  
Marital Status: Unmarried  
Blood Group: O+ (ive)  
Present Address: Electronics and Health Physics Section, BINA Headquarter, BAU Campus, Mymensingh-2202  
  
Permanent Address: C/O Md. Abu Jafor, House/Holding: 115/50, Village: Sonalinagar Thana Road Sobujbag (KDA R/A), P.O: Khulna Sadar-9100, P.S: Sonadanga,

### Educational Background:

Name of the Examination	Department /Group	University /Board	Passing Year	Obtained CGPA /GPA
M.Sc. (Thesis) One year	Dept. of Physics	Jahangirnagar University	2018	3.89 (out of 4)
B. Sc. (Hons.) Four years	Dept. of Physics	Jahangirnagar University	2017	3.53 (out of 4)
H.S.C.	Science	Jessore	2013	4.60 (out of 5)
S.S.C.	Science	Jessore	2011	5.00 (out of 5)

**MS Thesis Title:**

**“Stable and Unstable Nonlinear Waves in Pair-Ion and Dusty Plasma”**

**Language proficiency:**

- English: Proficiency in writing, reading, speaking & listening
- Bengali: Proficiency in writing, reading, speaking & listening

**Computer Skills:**

- Operating System: Windows 7, Windows 8.1, Windows 10, Windows 11.
- Office Package: MS-Word, MS-Power Point.
- Programming language: C, C++.
- Document and Computational Software : Latex, Mathematica.
- Internet Application: Internet Browsing.

**International Publications (Articles)**

1. M. Hassan, M. H. Rahman, N. A. Chowdhury, A. Mannan, and A. A. Mamun: “Ion-Acoustic Rogue Waves in Multi-Ion Plasma”, **Communication in Theoretical Physics, Volume 71, Page 1017, 2019.**
2. A. A. Noman, M. K. Islam, M. Hassan, S. Banik, N. A. Chowdhury, A. Mannan, and A. A. Mamun: “Dust-Ion-Acoustic Rogue Waves in a Dusty Plasma Having Super-Thermal Electrons”, **Gases, Volume 1, Page 106-116, 2021.**

**Self Commitment:**

- ✓ Can learn quickly the necessary details of work.
- ✓ Ability to cope up with different situation.
- ✓ Very good temperament and enjoy challenges.
- ✓ Co-operative, Innovative & hardworking.
- ✓ Good communication skills

**Hobby:**

- Listening music
- Reading latest news of science
- Watching Movie
- Working with new experience.

**Awards and Scholarships:**

- National Science & Technology (N.S.T.) fellowship (2017-2018).
- University yearly awarded Scholarship (2014-2019).

**Reference:**

<b>Prof. Dr. A A Mamun</b> Ph. D. (St. Andrews) Dept. of Physics, Jahangirnagar University, Savar, Dhaka-1342, Bangladesh. Tel: +8802-7791218 Cell no.: +8801829729361 E-mail: <a href="mailto:mamun_phys@yahoo.co.uk">mamun_phys@yahoo.co.uk</a> Fax: +880-2-7708069 PABAX: 880-2-7708478 Ext. 426	<b>Prof. Dr. Md. Salahuddin</b> Dept. of Physics, Jahangirnagar University, Savar, Dhaka-1342, Bangladesh. Tel: +8802-9668003 Cell no.: +8801712927210 E-mail: su_2960@yahoo.com Fax: + 880-2-7708069 PABAX: 880-2-7708478 Ext. 426	<b>Dr. Abdul Mannan</b> Assistant Professor Department of Physics, Jahangirnagar University, Savar, Dhaka-1342, Bangladesh, Cell No. : +88-01675379284 E-mail: mannan_phy@yahoo.com
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I, the undersigned, hereby further declared that to the best of my knowledge and belief all the above information describing my qualifications, experiences and myself, are correct.

*Mehedi Hassan*

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Signature