

## Rajan Chandra Karmkar

House No # 74/4/1, Natun Bazar, Kallyanpur, Dhaka-1207

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### Career Objectives

To utilize my skill towards a challenging career in growth oriented leading edge that will provide mutual benefits and where from I can utilize my capabilities to the fullest benefits of the organization and society.

### Personal Details

Name : Rajan Chandra Karmkar  
Father's Name : Late Bishwajit Karmkar  
Mother's Name : Parul Karmkar  
Mailing Address : House No # 74/4/1, Natun Bazar, Kallyanpur, Dhaka-1207  
Permanent Address : Karmakarpara, Madhabdi, PO: Chhaysuti, PS: Kuliarchar, District: Kishoreganj.  
Date of Birth : May 4, 1994  
Nationality : Bangladeshi (by birth)  
Gender : Male  
Religion : Sanatan (Hindu)

### Education

Certificate / Degree	Institution	Board / Institution	Session	Passing year	GPA/CGPA
Masters of Science in Physics	University of Dhaka, Dhaka	University of Dhaka	2016-17	2019	3.78(out of 4.0)
Bachelor of Science in Physics	University of Dhaka, Dhaka	University of Dhaka	2012-13	2017	3.50(out of 4.0)
Higher Secondary Certificate	Haji Asmat College, Bhairab, Kishoreganj	Dhaka	2009-10	2011	5.00(out of 5.0)
Secondary School Certificate	Bhairab K. B. Pilot High School, Bhairab, Kishoreganj	Dhaka	2007-08	2009	5.00(out of 5.0)

### Language Proficiency

- English(Full professional proficiency)
- Bengali(Native or bilingual proficiency)

### Computer Skill

- Applications: Microsoft Office (Word, Excel, PowerPoint), Latex
- Language: Fortran, C++,
- Simulation Software: MATLAB,
- Operating Systems: Windows, Linux.

### Professional Qualification:

<b>Certification</b>	<b>Institute</b>	<b>Location</b>
Bose Workshop on Gravitational Wave	Bose Centre for Advanced Study and Research in Natural Science	Curzon Hall, University of Dhaka

### Research Activities:

#### M.S. Thesis:

**Thesis Title :** “Verification of the Stokes – Einstein Relation in Liquid 3d Transition Metals ”

**Thesis Supervisor:** Dr. Ratan Chandra Gosh  
Associate Professor  
Department of Physics,  
University of Dhaka.

### Publications:

(1) R.C. Karmkar, R.C. Gosh, Validity of the Stokes – Einstein relation in liquid 3d transition metals for a wide range of temperature, Journal of Molecular Liquid, Volume 328, 115434 (2021), <https://doi.org/10.1016/j.molliq.2021.115434>

### Conference paper presentation

<b>Date</b>	<b>Paper Title</b>	<b>Conference Title</b>	<b>Organization</b>
2019	Verification of the Stokes – Einstein relation in liquid Fe	National Conference on Physics - 2019	Bangladesh Physical Society

## Research Interest

- Condensed Matter Physics
- Materials Science & Nanotechnology
- Nuclear Physics, Reactor Physics

## Professional Experiences

<b>SL No:</b>	<b>Institute Name</b>	<b>Post Name</b>	<b>Duration</b>
01.	Bangladesh Atomic Energy Regulatory Authority (BAERA) E-12/A, Agargaon, Dhaka-1207, Bangladesh	Scientific Officer (Physics) Nuclear Safety Section, Nuclear Safety, Security and Safeguard Division of BAERA	From June 17, 2021 to continue
02.	Military Institute of Science and Technology (MIST) Mirpur Cantonment, Dhaka-1216, Bangladesh	Lecturer (Adjunct) Department of Science and Humanities	From January 01, 2020 to June 16, 2021
03.	Ahsanullah University of Science and Technology (AUST) Tejgaon Industrial Area, Dhaka-1208, Bangladesh	Lecturer Department of Arts and Science	From July 01, 2019 to December 31, 2019
04.	University of South Asia, Banani, Dhaka-1212, Bangladesh	Lecturer Department of Textile Engineering	From May 15, 2019 to June 30, 2019

## Awards/ Scholarship

- NST Fellowship

- General Scholarship of Education ministry for Honour's result

### Extra-Curricular Activities

- Was the volunteer of the "5<sup>th</sup> Bangladesh Physics Olympiad".
- Was the volunteer of the "National Conference on Physics - 2019"
- Vice President of "Physics Department Career Club", Department of Physics, University of Dhaka
- Arranged different kinds of events as a member of "S. N. Bose Physics association", Jagannath Hall, University of Dhaka.

### References

1) Dr. Ratan Chandra Gosh  
Associate Professor  
Department of Physics  
Faculty of Science  
University of Dhaka  
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2) Dr. Ishtiaque M. Syed  
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3) Dr. Kazi Haniun Maria  
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I, Rajan Chandra Karmkar, hereby declare that the above mentioned statement are true to the best of my knowledge.

Sincerely Yours,



(Rajan Chandra Karmkar)