

# FACULTY PROFILE

## (as on 01.06.2022)

**DR. ANIKUL ISLAM**, M.Sc., Ph.D.

ASSISTANT PROFESSOR (W.B.E.S.)

DEPARTMENT OF CHEMISTRY

Government General Degree College at Kaliganj

Kaliganj, Nadia, W.B. Pin- 741137

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### A. BIOGRAPHY:

1. Name: DR. ANIKUL ISLAM
2. Sex: Male
3. Nationality: Indian
4. Highest Qualification: M.Sc.
5. Present Address: Ranitala, Jibanpur, Murshidabad, W.B., 742135
6. Permanent Address: Ranitala, Jibanpur, Murshidabad, W.B., 742135
7. Language known: Bengali, English, Hindi
8. Mother Tongue: Bengali

### B. ACADEMIC PROFILES:

Degree	Institute	Subject	Year
Ph.D.	University of Kalyani	Chemistry	2021
B.Ed.	University of Kalyani	P.Sc., L.Sc.	2015
M.Sc.	University of Kalyani	Chemistry	2007
B.Sc.	University of Kalyani	Chemistry(H), Physics, Mathematics	2005
HS	WBCHSE	Beng, Eng, Chem, Phys, Math, Bios	2002
Madhyamik	WBBSE	Beng, Eng, Hist, Geo, P.Sc., L.Sc., Math	2000

### C. PROFESSIONAL POSITIONS:

<b>Current</b>	<b>Assistant Professor of Chemistry</b> in the <b>W.B.E.S.</b> at Government College (Government General Degree College at Kaliganj) from <b>02/01/2021</b> to till date.	Kaliganj, Nadia, West Bengal, India
<b>30/07/2016-31/12/2020</b>	<b>Assistant Professor of Chemistry</b> in the <b>W.B.E.S.</b> at Government College (Government General Degree College at Kushmandi)	Kushmandi, Dakshin Dinajpur, West Bengal, India
<b>08/12/2015-29/07/2016</b>	<b>Assistant Professor of Chemistry</b> in the <b>W.B.E.S.</b> at Government College (Darjeeling Government College)	Hill Cart Road, Darjeeling, West Bengal, India
<b>10/09/2015-07/12/2015</b>	<b>JRF (Department of Chemistry)</b>	University of Kalyani, Kalyani, Nadia, West Bengal, India
<b>05/09/2009-09/09/2015</b>	<b>Assistant Teacher of Chemistry</b> in Sarfia High Madrasah	Kalukhali, Murshidabad, West Bengal, India
<b>15/09/2007-07/09/2009</b>	<b>Part-Time Assistant Professor</b> in Kanchrapara College	Kanchrapara, N-24 parganas West Bengal, India

**D. ACADEMIC DISTINCTIONS AND AWARDS:**

<b>1</b>	<b>GATE</b>	<b>Qualified GATE in 2009</b>
<b>2</b>	<b>CSIR-NET</b>	<b>Qualified in CSIR sponsored National Eligibility Test in 2012</b>
<b>3</b>	<b>CSIR-NET</b>	<b>Qualified in CSIR sponsored National Eligibility Test with JRF 2013</b>

**E. ACADEMIC ACTIVITIES/ CONFERENCES:**

- **Oral presentation**
- **Poster presentation: 04**
- **Normal Participation in the Seminar: 08**

**F. AREA OF TEACHING:**

All branches of the Chemistry at the B.Sc. level especially Inorganic & Physical Chemistry.

#### G. OTHER PROFESSIONAL EXPERIENCES:

- Teacher's Council Secretary,

#### H. AREA OF RESEARCH INTEREST:

Name of the topics is Organometallics chemistry of 3d, 4d & 5d metal complexes and its application.

#### I. RESEARCH & PUBLICATIONS:

##### ❖ PUBLICATIONS

**Total number of publications: 07 (Journals: 07, Conference Proceedings: 00)**

##### Full Papers:

1. Dirhenium paddlewheel complexes bearing para-substituted triphenylguanidinate ligands: Synthesis, spectroscopic and computational studies.  
S. Mallick, M. K. Ghosh, **A. Islam**, S. Chattopadhyay\* *J. Indian. Chem. Soc.* **2015**, 92, 1875–1883 (Special Issue on Prof. Animesh Chakravorty).
2. Cleavage of Ru–C(aryl) bond of a four-membered ortho-metalated Ruthenium (II) organometallics by mercaptopyrimidine and pyridine-2,6-dicarboxylate ligands: Spectroscopic, structural and computational studies.  
M. K. Ghosh, S. Mallick, **A. Islam**, S. Mohapatra, S. Chattopadhyay\* *Polyhedron* **2016**, 104, 73 – 79.
3. Ruthenium–Carbon(Aryl) Bond Cleavage and Change in the Ligand Coordination Mode in a Four-Membered Ortho-Metalated Ruthenium(II) Organometallics Promoted by Thiolato Ligands.  
M. K. Ghosh, S. Mandal, **A. Islam**, S. Mohapatra, and S. Chattopadhyay\* *Chemistry Select* **2017**, 2, 6710-6716.
4. Pyridine-2-olato chelated ruthenium (II) organometallics incorporating imine–phenol function: Spectroscopic, structural, electrochemical and theoretical studies.  
**A. Islam**, M. K. Ghosh, S. Mondal, P. Brandão and S. Chattopadhyay\* *Journal of Coordination Chemistry* **2019**, 1, 164-179.
5. Pyridine-2-carboxylato chelated acylrhodium(III) organometallics: Spectroscopic, structural and theoretical studies.  
**A. Islam**, S. Mandal, S.J. Carrington, I. Chakraborty, S. Chattopadhyay\* *Polyhedron* **2019**, 172, 15-21.
6. A series of ruthenium (II) organometallic complexes incorporating pyridine-2-carboxylato ligand: Detailed spectroscopic and computational studies. **A. Islam**, M. K. Ghosh, S. Chattopadhyay \* *J. Indian. Chem. Soc.* **2021**, 98, 1–9.

7. Green synthesis of  $Mn_xZn_{(1-x)}O$  nanostructure using *Azadirachta indica* leaf extract and its microstructural and optical study . S. Barman, S. Sikdar, A. Biswas, **A. Islam**, R. Das. Phys. Scr., **2002**, 97.

**Date: 01.06.2024**

**Dr. Anikul Islam**

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