

Dr. A. B. M. Mamun Jamal Professor

Research Area Reviewer Guest Editor, International Journal of Electrochemistry, (special issue: Recent Advances in Editorial Board Member Research area UPCOMING CONFERENCE / MEETING 1st International Conference on Chemical Science and Technology (ICCST-Chem), February 24-25, 2018, KUET, Khulna, Bangladesh 26th World Congress on Biosensors, 25-27 May 2016, Gothenburg, Sweden For the advancement of science in developing countries, 30th Nov - 4th Dec 2015, Italy 16th Asian chemical congress (16ACC), 16-19 March, 2016, Dhaka, Bangladesh

Biography

Dr. Mamun Jamal is working as Professor at the Department of Chemistry in Khulna University of Engineering & Technology, Bangladesh. Dr. Jamal is teaching Chemistry to postgraduate (MSc, MPhil and PhD) Chemistry students and undergraduate Engineering students in KUET. He has joined in KUET on 2015 as an Assistant Professor, became associate professor in 2020 and professor in 2022. Before that he was working as Research Scientist at Tyndall National Institute, in Ireland. Mamun Jamal obtained BSc and MSc in Chemistry from the University of Dhaka and PhD from the University of Limerick, Ireland. He is a recipient of EU full bright scholarship for PhD programme at the University of Limerick in the area of Biosensor Development for Steroid Detection. He then continued his career as Postdoctoral Fellow at ITT, Dublin for 2 years, and as Research Scientist in Tyndall, Cork for further 4 years. Currently Mamun Jamal is leading a group comprises of 1 PhD, 2 RA, 5 MSc and 4 final year students, in the area of electrochemistry and Electrochemical Sensors), Hindawi Publisher. catalysis. Prof. Jamal is a founder of a start-up 'Microplastics Solution Ltd' funded by ICT Ministry and Ministry of Science & Technology, Bangladesh.

Education

PhD in Chemistry (Bioelectro-Analytical)

University of Limerick, Ireland()

MSc in Chemistry (Physical-Inorganic)

University of Dhaka, Bangladesh()

BSc (Hons) in Chemistry

University of Dhaka, Bangladesh()

HSC

Govt. Titumir College, Bangladesh()

SSC

Monipur High School, Bangladesh()

Service Records

Professor

Department/Section: Chemistry

Khulna University of Engineering & Technology From to

Responsibility:Teaching and Research

Associate Professor

Department/Section: Department of Chemistry

Khulna University of Engineering & Technology From to

Postdoctoral Fellow

Department/Section: Applied Sciences ITT-Tallaght, Dublin, Ireland From to Working Area: Chemistry

Postdoctoral Fellow

Department/Section: Material & Surface Sciences Institute University of Limerick, Limerick, Ireland From to

Working Area:Chemistry

Researcher

Department/Section: Microsystem Centre

Tyndall National Institute, UCC, Cork, Ireland From to

Working Area: Chemistry

Scientist

Department/Section: Environment Directorate Cork County Council, Cork, Ireland From to

Working Area: Waste Enforcement **Assistant Professor**

Department/Section: Chemistry

Khulna University of Engineering & Technology, Bangladesh From to

Research Interest

Reviewer

(i) Journal of Electrochemical Society (ECS) (ii) Biosensors & Bioelectronics (Elsevier) (iii) ACS Polymer (ACS) (iv) Plos One

Guest Editor, International Journal of Electrochemistry, (special issue: Recent Advances in Electrochemical Sensors), Hindawi Publisher.

Editorial Board Member

American Journal of Physical Chemistry and Chemical Physics, Am. Assoc. Sc. & Tc. (AASCIT)

Research area

Advanced materials, Bio-electrochemistry, Electrocatalysis, Sensors, Biosensors

UPCOMING CONFERENCE / MEETING

1st International Conference on Chemical Science and Technology (ICCST-Chem), February 24-25, 2018, KUET, Khulna, Bangladesh

http://iccstk.com/

26th World Congress on Biosensors, 25-27 May 2016, Gothenburg, Sweden

http://www.biosensors-congress.elsevier.com/

For the advancement of science in developing countries, 30th Nov - 4th Dec 2015, Italy

http://twas.org/opportunity/twas-science-diplomacy-workshop-sustainable-water-management

16th Asian chemical congress (16ACC), 16-19 March, 2016, Dhaka, Bangladesh

http://www.16acc.org/

Publication

Books

1(2004), **Pesticides, veterinary and other chemical residues in food**, ISBN:9781855737341, Woodhead Publishing Ltd., Cambridge, England

Publication

Books

 $2 Razeeb, K.\ M.\ , \ Jamal, M.\ , \ Xu, J.\ , \ Hasan, M.\ and\ Lef\tilde{A}\ "vre, a.\ V.\ L.\ (2011)\ , \textit{Nanowires: Properties, Synthesis, and Applications}\ , \\ ISBN: 978-1614701293, Nova\ Science\ Publishers$

Publication

Books

3(2011), Analog Circuit Design: Robust Design, Sigma Delta Converters, RFID, ISBN:978-9400703902, Springer

Publication

Books

4Razeeb,K. M., Hasan,M., Jamal,M. and Mathewson,A. (2015), *Handbook of Nanoelectrochemistry: Electrochemical Synthesis Methods, Properties and Characterization Techniques*, ISBN:978-3319152653,Springer

Publication

Books

5Razeeb,K. M., Jamal,M., Hasan,M. and Mathewson,A. (2015), Nanobiosensors and Nanobioanalyses, ISBN:978-4431551898,Springer

Publication

Books

6(2010 (monograph)) , **Biosensor for androgens: Sample matrix effect: screen printed and carbon fibre electrode** , ISBN:978-3843386623,Lap Lambert Academic Publishing, Germany