

**Curriculum Vitae  
of  
Dr. Md. Tushar Uddin**



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**Academic Qualifications:**

**Doctor of Philosophy (Ph. D):**

Institution: Jahangirnagar University  
Subject: Chemistry  
Degree Attainment: 2014

**Master of Science (M. Sc):**

Institution: Rajshahi University  
Subject: Applied Chemistry & Chemical Technology  
Degree Attainment: 2005

**Bachelor of Science (B.Sc., Honors, Four Year):**

Institution: Rajshahi University  
Subject: Applied Chemistry & Chemical Technology  
Degree Attainment: 2003

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## Published Paper

### First & Corresponding Author Publications:

- 1). Md. Ashraful Alam, Dr. Ajoy Kanti Mondal, **Md. Tushar Uddin\***, Md. Abdur Razzaq, Murshid Jaman Chowdhury, Dr. Madhu Sudan Saha, “Chemical investigation and separation of chromium from chrome cake of BSCIC tannery industrial estate at Hemayetpur, Dhaka, Bangladesh.” *Journal of Environmental and Public Health* (Accepted, Date:04/04/2023)
- 2). Murshid Jaman Chowdhury,\* Md. Abdur Razzaq, Md. Imran Biswas, Ariful Hai Quadery and **Md. Tushar Uddin\*** .Extract of *Trema Orientalis (L.)* Stem Bark: A Potential Source of Environmentally Friendly Tanning Agent for Leather Industry. *JALCA, VOL. 117, 2022.*
- 3). Murshid Jaman Chowdhury,1 **Md. Tushar Uddin,1\*** Md. Abdur Razzaq,1Al-Mizan,1 and Ariful Hai Quadery2. Ammonia– Reduced Deliming using Glycolic Acid and EDTA and its Effect on Tannery Effluent and Quality of Leather. *JALCA, VOL. 113, 2018.*
- 4). **Md. Tushar Uddin a**, Md. Abdur Razzaq b, Ariful Hai Quadery c\*, Murshid Jaman Chowdhury d, Al-Mizan e, Md. Moshrrur Raihan f, Farid Ahmad g. Extraction of Dye from Natural Source (LAC) & its Application on Leather. *American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS) (2017) Volume 34, No 1, pp 1-7.*

### Co-Author Publications:

- 5). Md. Abdur Razzaq,\* Murshid Jaman Chowdhury and **Md. Tushar Uddin**. Salt Free Preservation of Raw Goat Skin Using Swietenia Mahogany (Seed) Extract. *JALCA, VOL. 117, 2022.*
- 6). Tawhida Akter,\* Jannatun Nayeem,\* Ariful Hai Quadery,\*\*M. Abdur Razzaq,\*\* **M. Tushar Uddin,\*\*** M. Shahriar Bashar\*\*\* and M. Sarwar Jahan. Microcrystalline cellulose reinforced chitosan coating on kraft paper. *Cellulose Chem. Technol., 54 (1-2), 95-102(2020)*
- 7). 1Md. Shahin Alam, 2Al-Mizan, 3Mahmuda Parvin, **2Md. Tushar Uddin** and 4,\*Md. Zahangir Alam. Preparation of activated cow bone charcoal for abatement of water pollution caused by tannery effluents. *International Journal of Current Research Vol. 10, Issue, 05, pp.68929-68933, May, 2018*
- 8). Ariful Hai Quadery1\*, **Md. Tushar Uddin1**, Murshid Jaman Chowdhury2\*, Amal Kanti Deb3. Extraction of polypeptide solution from Tannery solid waste (chrome shavings) and its application as Poultry feed. *IOSR Journal of Applied Chemistry (IOSR-JAC) e-ISSN: 2278-5736. Volume 9, Issue 11 Ver. III (November. 2016), PP 32-35*

9). Ariful Hai Quadery\*1, **Md. Tushar Uddin**1, Md. Abul Kashem Azad1, Murshid Jaman Chowdhury \*\*1, Amal Kanti Deb2, Md. Nazmul Hassan\*\*3. Fatliquor preparation from Karanja seed oil (*Pongamia pinnata* L.) and its application for leather processing. *IOSR Journal of Applied Chemistry (IOSR-JAC) e-ISSN: 2278-5736. Volume 8, Issue 1 Ver. I. (Jan. 2015), PP 54-58*

10). Ariful Hai Quadery1, **Md. Tushar Uddin**1, Md. Abul Kashem Azad1, Murshid Jaman Chowdhury1, Amal Kanti Deb2, Md. Nazmul Hassan3. Development of hair-save unhairing method using organic thio compounds in pre-tanning stages of leather production. *International Journal of Scientific & Engineering Research, Volume 5, Issue 12, December-2014*

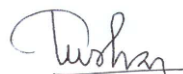
### Accepted Process

1). Preparation of water soluble fat liquoring agent from karanja seed oil (*Pongamia Pinnata* L.)  
1Md. Abul Kashem Azad, **2Md. Tushar Uddin**, 3Murshid Jaman Chowdhury & 4Ariful Hai Quadery. Ref. No. 39.02.0000.043.37.791.19/240 Date: 28.01.2020

2). Development of ammonia free deliming agent for leather processing.  
**1Md. Tushar Uddin**, 2Ariful Hai Quadery, 3Md. Abdur Razzaq, 4Al-Mizan & 5Murshid Jaman Chowdhury. Ref. No. 39.02.0000.043.37.022.17/1001 Date: 10.08.2017

3). Production of aluminium sulphate from the ash of aluminium utensil industry.  
1Madhu Sudan Saha, 2Akhter Hossain, 3Md. Anwar Arfien Hhan, 4Md. Yunus Miah & **5Md. Tushar Uddin**. Ref. No. 62-703/08/3126 Date: 30.12.2008

4). Manufacturing of non-ionic surface active agent for leather processing.  
1Madhu Sudan Saha, 2Akhter Hossain, 3Sujit Kumar Banik & **4Md. Tushar Uddin**.  
Ref. No. 62-703/08/3125 Date: 30.12.2008



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