

**7. Fellow's Curriculum Vitae****(1) Personal Information**

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|-----------------------------------|---|
| Name                              | Professor Dr. Mohammad Shariar Shovon   |
| Nationality/ Citizenship          | Bangladeshi   |
| Current Appointment and/or Status | Professor, Department of Biochemistry & Molecular Biology, University of Rajshahi, BANGLADESH |
| Academic Degree                   | D.Sc. (Japan); M.Sc. (Japan); M.Sc. (Bangladesh)  |
| Field of Research                 | Chemical Ecology, Biochemistry, Molecular Biology   |

**(2) Higher Education (University and above: Start from the latest one.)**

1. Doctor of Science (D.Sc.) [2011] Shinshu University, Matsumoto, JAPAN
2. Master of Science in Material Science (2008) Shinshu University, Matsumoto, JAPAN
3. Master of Science in Biochemisrty (2000) Rajshahi University, Rajshahi, Bangladesh
4. Bachelor of Science in Biochemistry (1995) Rajshahi University, Rajshahi, Bangladesh
5. Higher Secondary School Certificate (1992) Rajshahi College, Rajshahi, Bangladesh
6. Secondary School Certificate (1990) Rajshahi University School, Rajshahi, Bangladesh

**(3) Previous Employment (Start from the latest one.)**

1. Professor, Department of Biochemistry & Molecular Biology, University of Rajshahi, Rajshahi, Bangladesh. (October, 2022 – present)
2. Associate Professor, Department of Biochemistry & Molecular Biology, University of Rajshahi, Rajshahi, Bangladesh. (June, 2017 – October, 2022)
3. Visiting Associate Professor, CNEAS, Tohoku University, JAPAN
4. Assistant Professor, Department of Biochemistry & Molecular Biology, University of Rajshahi, Rajshahi, Bangladesh. (March, 2012 – June, 2017)
5. Lecturer, Department of Biochemistry & Molecular Biology, University of Rajshahi, Rajshahi, Bangladesh. (February 2010 – March, 2012)
6. Worked as a Teaching Assistant and Research Assistant, Faculty of Science, Shinshu University, Japan.

**(4) Personal skills and competences (Language Ability etc)**

English (advanced level), Japanese (Mid level), Bengali (advanced level), and Hindi (Mid level).

**(5) Research Achievements, Results, Publications and Awards**

**Publications:**

- 1. Shovon Mohammad Shariar**, Mizuki Suga, Yumiko Nishikawa, and Teruo Hinoue, “Laser-Heating Thermal Modulation Voltammetric Determination of Phosphate Ion Using a Graphite-Reinforced Carbon Electrode”, **(2009)**, Anal. Sci., 25, 499.
- 2. Shovon Mohammad Shariar** and Teruo Hinoue, “Simultaneous Voltammetric Determination of Nitrate and Nitrite Ions Using a Copper Electrode Pretreated by Dissolution/Redeposition”, **(2010)**, Anal. Sci., 26,1173.
- 3. M. S. Shovon**, S. C. D. Sharma, and N. Roy, “Purification, Characterization and Effect of Physico-Chemical Agents on the Stability of  $\beta$ -Galactosidase from Betel Leaves”, **(2010)**, J. Bio-Sci., 18, 115.
- 4. S. C. D. Sharma, M S Shovon**, A K M Asaduzzaman, M G Sarowar Jahan, T Yeasmin, N Roy, “Optimization of alkali-thermostable and cellulase-free xylanase production from *Bacillus* sp.” has been accepted for publication in the Journal of Bio-Science in its ensuing volume (Vol. 19, **2011**).
- 5. Nitai Roy, G. Talukdar, I. Hossain, M. Shariar Shovon**, N. K. Sana, S. R. Kabir, K. K. Biswas, and Ranajit Kumar Shaha, “Reduction of allergenicity of litchi chinensis flowers pollen protein conjugated with polysaccharide by millard reaction”, **(2012)**, J. Adv. Lab. Res. Bio., Vol. 3, Issue 2, 109-119.
- 6. Subed Chandra Dev Sharma, Mohammad Shariar Shovon**, M. G. Sarowar Jahan, A.K.M. Asaduzzaman, Bulbuli Khatun, Tanzima Yeasmin, Narayan Roy ,

“Antibiotic sensitivity and antibacterial activity of *Micrococcus* sp SCS1”, (2012), *Research & Reviews in Biosciences*, 6(10), 304-310.

7. Sarowar Jahan M.G, M. Shaela Pervin, **M. Shariar Shovon**, S.C. Dev Sharma, Narayan Roy, M. Habibur Rahman, “Effect of Metal Ions, Chelating Agent and SH-Reagents on Radish (*Raphanus sativus* L.) Root  $\beta$ -Amylase”, (2012), *Journal of Stress Physiology & Biochemistry*, Vol. 8 No. 3, pp. 180-188.
8. Subed Chandra Dev Sharma, **Mohammad Shariar Shovon**, M.G. Sarowar Jahan, A.K.M. Asaduzzaman, Md. Ajjur Rahman, Kamal Krishna Biswas, N. Abe, Narayan Roy, “Antibacterial and Cytotoxic Activity of *BACILLUS METHYLOTROPHICUS*-SCS2012 Isolated from Soil”, (2013), *The Journal of Microbiology, Biotechnology and Food Sciences*, 2(4), 2293-2307.
9. M.G. Sarowar Jahan, M. Shaela Pervin, A.Y.K.M. Masud Rana, **M. Shariar Shovon**, S.C. Dev Sharma, M. Rezaul Karim, M. Habibur Rahman, “Correlation between  $\beta$ -amylase activity and starch content in different cultivars of Radish (*Raphanus sativus* L.)”, *BTAIJ*, 9(7), 2014 (298-302).
10. Al Jahidi, Hasan Chowdhury, M Shahjahan, Tanzima Yeasmin, **Mohammad Shariar Shovon**, M Mushfequr Rahman, “Isolation and identification of Bacteria and their drug susceptibility pattern in children to establish the correlation between childhood Septicemia with C-reactive protein (CRP) levels” , *J. bio-sci.*, 21:99-108, 2013
11. Md Rabiul Karim, Nasrin Ferdous, Narayan Roy, Subed Chandra, Dev Sharma, M G Sarowar Jahan, **Mohammad Shariar Shovon**, “A study on antidiabetic activity of the leaf and stem of *Alocasia indica* L. in steptozotocin induced diabetic rats”, *International Journal of Biosciences*, Vol. 5, No. 6, p. 195-202, 2014
12. Sultana Parvin, Dilruba Easmin, Afzal Sheikh, Mrityunjoy Biswas, Subed Chandra, Dev Sharma, Md Golam, Sarowar Jahan, Md Amirul Islam, Narayan Roy, **Mohammad Shariar Shovon**, “Nutritional Analysis of Date Fruits (*Phoenix dactylifera* L.) in Perspective of Bangladesh”, *American Journal of Life Sciences*, 2015; 3(4): 274-278
13. Md. Rabiul Karim, Nasrin Ferdous, Narayan Roy, M. G. Sarowar Jahan, Apurba Kumar Sarkar, **Mohammad Shariar Shovon**, “A STUDY ON

NUTRITIONAL COMPONENTS OF THE LEAF AND STEM OF ALOCASIA INDICA L”, Journal of Advances in Applied Sciences and Technology March– 2015 Vol. 2|Issue 1|Page 46-54

14. Md. Rabiul Karim, Nasrin Ferdous, Narayan Roy, Subed Chandra Dev Sharma, Md. Golam Sarowar Jahan, **Mohammad Shariar Shovon**, “A comparative study of antimicrobial activity of the leaf and stem of Alocasia indica L.”, International Journal of Biosciences, Vol. 7, No. 4, p. 87-93, 2015
15. Al Jahidi Hasan Chowdhury, Matiar Rahman, and **Mohammad Shariar Shovon**, “INCIDENCE, RISK FACTORS AND OUTCOME OF HOSPITAL ACQUIRED INFECTIONS IN A TERTIARY CARE HOSPITAL IN DHAKA”, wjpls, 2017, Vol. 3, Issue 1, 44-55
16. **Shovon Mohammad Shariar**, Takahiro Asami, and Mohammad Abdul Hai Siddique, “INSIGHTS OF SEMIOCHEMICAL COMPONENTS IN TERRESTRIAL LAND SNAILS”, ejbps, 2020, Volume 7, Issue 3, 47-52.
17. Takahiro Hirano, Takumi Saito, **Shovon Mohammad Shariar**, T. S. Rupamoy Tanchangya and Satoshi Chiba. “The first record of the introduced land snail *Bradybaena similaris* (Férussac, 1822) (Mollusca: Heterobranchia: Camaenidae) from Bangladesh”. BioInvasions Records (2020) Volume 9, Issue 4: 730–736
18. Takumi Saito, Takahiro Hirano, Bin Ye, Larisa Prozorova, **Mohammad Shariar Shovon**, Tu Van Do, Kazuki Kimura, Purevdorj Surenkhorloo, Yuichi Kameda, Yuta Morii, Hiroshi Fukuda, Satoshi Chiba, “A comprehensive phylogeography of the widespread pond snail genus *Radix* revealed restricted colonization due to niche conservatism”, Ecology and Evolution. 2021;11:18446–18459
19. J. Mahato, M. Miah, **M. S. Shovon**, N. Roy, M. S. Easmin, and S. C. D. Sharma, “Electricity Production by Microbial Fuel Cell Using Cheese Whey Wastewater of the Dairy Industry in Rajshahi, Bangladesh”, *Chem. Biochem. Eng. Q.*, 35 (4) 421–430 (2021)
20. Mohammad Abdul Hai Siddique, Sammatul Ferdaous Maya, Subed Chandra Dev Sharma, Narayan Roy, Md Habibur Rahman and **Mohammad Shariar Shovon**, “A Comparative Study on Nutritional Composition and Biological Activities of the Leaf and Flower of *Ocimum sanctum* Linn”, J Nutr Food Sci, 2021 Vol. 11 Iss. 8 No: 816
21. Takahiro Hirano, Osamu Kagawa, Masanori Fujimoto, Takumi Saito, Shota Uchida,

- Daishi Yamazaki, Shun Ito, **Shovon Mohammad Shariar**, Takuo Sawahata, Satoshi Chiba, “Species identification of introduced veronicellid slugs in Japan”, Hirano et al. (2022), *PeerJ*, DOI 10.7717/peerj.13197
22. Takumi Saito, Koji Fujimoto, Shota Uchida, Daishi Yamazaki, Takahiro Hirano, Isao Sano, Bin Ye, Osamu Kagawa, **Mohammad Shovon Shariar**, Van Tu Do, Yuta Morii, Larisa Prozorova, Satoshi ChibaL, Chiba S, “Uncovering overlooked diversity using molecular phylogenetic approach: A case of Japanese sphaeriid clams (Bivalvia: Sphaeriidae)”, *Molecular Phylogenetics and Evolution* 173 (2022) 107508
23. Kodai Kudo, Osamu Kagawa, Shun Ito, Shinichiro Wada, Hirotaka Nishi, **Shovon Mohammad Shariar**, Daishi Yamazaki, Takahiro Hirano and Satoshi Chiba, “Species identification and invasion pathways of an introduced snail *Macrochlamys* sp. in Japan”, *BioInvasions Records* (2022) Volume 11, Issue 4: 839–854
24. Saito Takumi; Ito Shun; Tanchangya Rupamoy T. S.; **Shariar Shovon Mohammad**, “Current status of the invasion of *Meghimatium bilineatum* (W.H. Benson, 1842) and *M. pictum* (Stoliczka, 1873) (Philomycidae: Gastropoda), with the first record of *M. pictum* from Bangladesh based on molecular data”, *Archiv für Molluskenkunde International Journal of Malacology Band 153 Heft 1* (2024), p. 33 – 60
25. Takumi Saito, Takahiro Hirano, T. S. Rupamoy Tanchangya, Rahim Badsha, Yasuto Ishii & **Shovon Mohammad Shariar**, “Molecular and morphological examinations show diversity in the genus *Amphidromus* (Camaenidae: Stylommatophora) in Bangladesh”, *Systematics and Biodiversity*, 23 May, Volume 22, 2024 - Issue 1; <https://doi.org/10.1080/14772000.2024.2338076>

### Awards & Honors received:

1. The Sher-E-Bangla Hall awarded Gold medal for the first class first position in the B.Sc. (Hons.) Examination.
2. University awarded scholarships for the best academic performance.
3. Education Board scholarships at Secondary and higher Secondary level.
4. Monbukagakusho Scholarship (JAPAN)
5. JSPS Post-Doctoral Fellowship (JAPAN)

