Prof. Dr. Md. Amin Uddin Mridha

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Prof. Dr. Md. Amin Uddin Mridha was the founder Vice-Chancellor of Pabna University of Science and Technology. He has served in the Botany Department of Chittagong University from 1975-2011 and also served as Professor in King Saud University, Saudi Arabia. Prof. Mridha received 8 International Fellowships (in U.K., USA, Japan, Germany, India etc), including prestigious Commonwealth Scholarship and Fellowship; EEC Fellowship and DAAD Fellowship. Dr. Mridha is a Fellow of Bangladesh Academy of Agriculture.

Dr. Mridha has made significant contribution in mycorrhizal research contributing food production and nursery management in the country. He is also recognized for developing Environment Friendly Nano Pesticides from Bangladeshi Fungi. He has also developed innovative system of organic farming by integrating beneficial microbial inoculants and other components with Organic Fertilizers and Vermicompost.

His contribution in controlling the Red Palm Weevil, a serious insect pest of Date Palm is recognized throughout the 56 Date Palm growing countries of the World. He has identified a large number of plant diseases and their control in agricultural crops and forest nurseries, diseases in medicinal plants, especially in Neem. As pioneer of mycorrhizal research in Bangladesh, he has recorded a large number of Endo and Ecto mycorrhizal fungi for the first time in Bangladesh and reported more than 100 different types of wood decaying fungi.

Dr. Mridha has more than 200 peer reviewed scientific publications in National and International journal and has published reference books on arsenic bioremediation with Arbuscular Mycorrhizal Fungi.

For his outstanding contribution in the field of disease management with only mycorrhiza, BAAG is awarding him Gold Medal.

Citation on
Dr. M.A. Mazid

Dr. M.A. Mazid is the founder Director General of Bangladesh Fisheries Research Institute (BFRI) and served in that position for long 16 years. Prior to that, he was a teacher of Department of Fisheries Technology, Bangladesh Agricultural University, Mymensingh. Dr. Mazid was a member of the syndicate of various public and private Universities. He also worked as chairman, coordinator, and member in various national and international professional bodies and expert committees. He is a member and fellow of many national and international professional bodies and organizations.

Dr. Mazid has made a significant contribution to fisheries research and technology development. He identified ten amino acids that are essential for the growth of Tilapia. He also determined the dietary protein requirements and identified the best dietary protein source for the growth of shrimp and carps, which helped formulation and manufacture of balanced fish feed for aquaculture development. The results of this research have been published in high impact international journals.

Under his supervision and leadership, 40 aquaculture and fisheries management technologies have been developed and transfer of these technologies have contributed over fivefold increase in fish production in last 30 years from 8 lakh tons in 1985, when BFRI was established to 41.34 lakh tons in 2017. Development and transfer of breeding and culture technologies of carps, tilapia, rajpunti, pangasius, koi, shing, magur, and tengra have substantially contributed to increase production, rural employment, income, nutritional food security, and reduce rural poverty.

Dr. Mazid has about 150 scientific publications in national and international journals. He has written/compiled 9 books, book chapters and compendium, 16 extension materials, 10 workshop proceedings and 4 training manuals on fisheries and aquaculture.
For his outstanding contribution in the fields of aquaculture development through R&D BAAG is awarding him Gold Medal.

Citation on
Professor Dr. M. Jahiruddin

Dr. M. Jahiruddin is a Professor of Soil Science and currently the Dean, Faculty of Agriculture at Bangladesh Agricultural University (BAU), Mymensingh. He is known for his outstanding contribution in soil micronutrient management, especially management of zinc and boron deficient soil. In recognition of his significant contributions to the field of soil and crop management, Professor Jahiruddin was awarded the Bangladesh Academy of Sciences (BAS) Gold Medal Award, 2009. He was awarded Global Research Impact Award-2017 from Bangladesh Agricultural Research System, BAU. He is also recognized for his contribution in the management of arsenic contamination in groundwater-soil-crop system, and Conservation agriculture in rice based system. He has published 187 scientific papers in peer-reviewed national and international journals. Based on his research and field level results, he has written number of book chapters on micronutrients behavior in soils and crops, Ecosystem Services for Well-Being in Deltas, and Manual for Smallholders for Conservation Agriculture in Rice Based System. He was the Team Leader for Research Priority Setting in Agriculture and Development of Vision Document - 2030 and Beyond: Land and Soil Resource Management. He worked as a team member of national Fertilizer Recommendation Guide.
On the basis of his significant contributions if the field of his specialization BAAG has decided to honor him with the Gold Medal 2018.

Citation on
Dr. Mohammed Kamal Hossain

Dr. Mohammed Kamal Hossain is the Professor of Institute of Forestry and Environmental Sciences, Chittagong University, Chittagong, Bangladesh. He started his professional career as a *Research Officer* in the Silvicultural Research Division, Bangladesh Forest Research Institute in 1984 and continued till 1993. In July 1993, he joined the Institute of Forestry and Environmental Sciences, Chittagong University

(IFESCU) as Assistant Professor. He is specialized in forest management and biodiversity conservation.

He has published 146 articles in national and international referred journals and more than 44 publications in Conference proceedings and in book chapters in the field of Silviculture, Mangrove Forests, Biodiversity and Plantation forestry. He is the lead/ co-author of 12 books in the field of Silviculture and Environment.

He has conserved 67 critically endangered species of Bangladesh in the campus of University of Chittagong. Those species will be the future seed source and also the field laboratory for students of forestry and environmental sciences. Dr. Hossain has been awarded the **Prime Minister's National Award 2016** in recognition of plantation, research and conservation of threatened tree species of Bangladesh.

Bangladesh Academy of Agriculture, considering his contribution in the fields of forest resource management, threatened species conservation linking the same with students' teaching program of the University of Chittagong has awarded him the Gold Medal of the academy of the year 2018.

Citation on
Mrityunjoy Roy

Mrityunjoy Roy is an eminent agricultural writer who had been consistently contributing in dissemination of knowledge through writing several books and popular articles on agricultural technologies and environment. He is also an expert in Farmer Field School (FFS). Now he is the Project Director of Integrated Farm Management Component (IFMC) under Department of Agricultural Extension.

He started his career in 1988 as a Lecturer in Patuakhali Science and Technology University. In the following year 1989, he joined in the Department of Agricultural Extension and still he is working with DAE.

He has published 76 Books in which 58 books are on Agriculture (Crop production, Crop protection, Fruits, Vegetables, Poultry, Cattle farming and Fish culture). These books are frequently used by the extension workers in addressing problems encountered by the farmers.

He wrote more than 3000 popular articles on agriculture, environment and nature which were published in different national dailies and magazines. He is also invited by different TV channels to share knowledge on agriculture. These created public awareness about agriculture, food security, food safety, nutrition and environment protection.

He is one of the best trainers on season long Integrated Pest Management (IPM), Integrated Crop Management (ICM) and Integrated Farm Management (IFM).

For his outstanding contribution, he was awarded Bangabandhu National Agricultural Award of the year 2012, Public Library Literature Award 1986, Inter-University Cultural Festival Award 1984 and Amor Ekhushe Bangladesh Sahitya Parishad Award 1982 and Amor Ekhushe Bangladesh Sahitya Parishad Award 1981.

To recognize his contribution in the fields of dissemination of agricultural knowledge to the grass root level working force- the farmers, BAAG has decided to award him the Gold Medal of 2018.

Citation on
Dr. Md. Abul Kalam Azad

Dr Md. Abul Kalam Azad is currently working as a Chief Scientific Officer in the Plant Breeding Division of Bangladesh Institute of Nuclear Agriculture (BINA). Dr Azad has developed 19 varieties of rice, wheat, jute, groundnut and onion through induced mutation technique. These varieties have been playing significant role in addressing the food and nutritional security of Bangladesh. Dr. Azad successfully modified a biennial summer onion variety to annual type and identified salt tolerance mechanism in groundnut. He has more than 90 peer reviewed scientific publications in national and international journals. He received ‘Young Scientist Award 2015’ from Plant Breeding and Genetics Society of Bangladesh in 2017 and the ‘Best Scientist Award 2015’ from BINA in the same year. To further his attempts to develop more useful varieties to be adopted by the farming community he has been awarded the Gold Medal of BAAG 2018.

Citation on
Dr. Shakila Faruque

Dr. Shakila Faruque has been working in the field of poultry breeding especially indigenous chicken breeding since 2003. She did her B.Sc. A.H. (Hon's), Post Graduate degrees and Ph.D. in the field of poultry breeding from Bangladesh Agricultural University, Mymensingh. She has joined as a Scientific Officer in the Bangladesh Livestock Research Institute (BLRI) in the year 1999. Now, she is Senior Scientific Officer of BLRI. She has published 35 research articles in the national and international journals.

Her specific area of contribution is conservation and improvement of indigenous/native chicken. She has started systematic selective breeding program from 2010. Through selective breeding and scientific rearing, productive and reproductive performances of native chicken is improved, which is reflected through increased body weight. She has also improved naked neck hens that has lower mortality and higher laying persistency (170-180 eggs per year).

For her contribution in improving local breeds of chicken, BAAG is awarding her Gold Medal of BAAG 2018.