

## Dr. Md. Abu Taleb



### Professor (Agriculture) & Former Dean

School of Agriculture and Rural Development (SARD)  
Bangladesh Open University (BOU), Gazipur-1705, Bangladesh  
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### Area of Specialization

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Entomology, Acarology and Open & Distance Learning (ODL)

### Research Interest

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Pest Control Strategies, Environmental Toxicology and ODL

### Educational Qualification

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- Secondary School Certificate (1984) – secured first division with star marks.
- Higher Secondary Certificate (1986) – secured first division.
- Bachelor of Science in Agriculture (Honors) (1990) - secured first class.
- Master of Science in Entomology (1997) - secured first class first position.
- Doctor of Philosophy (PhD) in the field of Acarology (2008) – satisfactorily completed.
- Obtained talent pool scholarships in Class Five, Class Eight, SSC and whole the university life.

### Professional Experiences

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- Professor (Agriculture): 18 December, 2008 to date.
- Dean, SARD, BOU : 03 October 2007 to 03 October 2010
- Associate Professor (Agril. Entomology) : 09 December 2003 to 17 December 2008
- Assistant Professor (Agriculture) : 6 May 1998 to 08 December 2003
- Lecturer (Agriculture): 20 September 1994 to 05 May 1998)

### Major Job Responsibilities/Duties

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- (i) Planning & organizing the distance educational programs.
  - (ii) Developing (designing, writing & editing) the course materials of PhD, Master, Bachelor, Diploma & Certificate programs.
  - (iii) Teaching through multimedia.
  - (iv) Producing distance educational materials, e.g. printed, audio, video etc.
  - (v) Conducting basic research in the field of Agricultural Entomology.
  - (vi) Conducting evaluative research on open learning materials.
  - (vii) Monitoring the tutorials at the tutorial centers of different programs.
- B. Working as a Program Coordinator of MS in Agricultural Sciences program (1.5 years duration) at the School of Agriculture and Rural Development of Bangladesh Open University from 2016 to date.
- C. Working as a Entomology Course Coordinator of MS in Agricultural Sciences program (1.5 years duration) at the School of Agriculture and Rural Development of Bangladesh Open University from April 2017 to date.
- D. Working as a Program Coordinator of B Sc in Agriculture program (4 years duration) at the School of Agriculture

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and Rural Development of Bangladesh Open University from May 2017 to date.

- E. Working as a chairman of curriculum committee named Agriculture and Rural Development at SARD
- F. Working as a member of curriculum committee named Sustainable Agriculture and Rural Livelihood at SARD
- G. Working as a member of School Committee at SARD

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### Publications

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- Research Articles (peer reviewed) – 31
- Review Articles - 02
- Books – 21

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### MS and PhD Research

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- Completed MS research on Analysis of Host Plant Spectrum of Jute Hairy Caterpillar, *Spilarctia (=Spilosoma) obliqua* (Walker) in Relation to Life Table Parameters.
- Completed PhD research on Population Dynamics and Control Options for Red Mite, *Tetranychus bioculatus* (Wood-Mason) in Ornamental Ecosystem.

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### Project Work Experience

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- Worked as a Distance Education Specialist in Commonwealth of Learning (COL) - Bangladesh Open University (BOU) Collaborative project entitled Extending Knowledge Technologies to the Rural Farming Women for the Production of Rice : Needs Analysis and Feasibility Study.
- Worked as a researcher on Feasibility Study for Introduction of Post Graduate Studies (M.S.) in Agriculture Through Open and Distance Learning in BOU.
- Worked as a Mentor of Diploma in Youth in Development Work (DYDW) Program at the School of Agriculture and Rural Development of Bangladesh Open University. This program was sponsored by Commonwealth Youth Program (CYP) and jointly co-ordinated by BOU and the University of Huddersfield, UK.

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### List of TV and Radio Programs

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#### TV Programs

- Rat Control Method
- Seed and Seed Purity Test
- Tree Planting Method
- Introduction to Different Body Parts of Insect
- Concept on Crop Protection
- Different Kinds of Antenna of Insect
- Different Kinds of Wing and Leg of Insect
- Distance Learning Program of SARD in Agriculture and Rural Development
- Introduction to Crop Disease
- Importance of Seed, Definition, Characteristics, Difference between True and False Seeds
- Neem Plant (*Azadirachta indica*)
- Description and Control Measures of Stem Borers, Hispa and Swarming Caterpillar of Rice
- Description and Control Measures of Gall Midge, Leaf Roller and Bug of Rice
- Green House Effect
- Soil Profile etc.

#### Radio Programs

- Seed Sowing and Seedling Production in Polybag
- Insecticide Use and Precaution
- Concept on Crop Protection

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- Control Method of Crop Insects, Mites and Rats.
  - Introduction to Different Body Parts of Insect.
  - Different Mouthparts of Insect and Their Descriptions etc.

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#### **Participated in Workshops/Conferences/Seminars/ Symposiums (Home/Abroad)**

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- Screen Writing for Educational TV and Audio-Vision
- Audio-Visual Teaching Materials-The Producer
- Development and Utilization of Renewable Energy in Bangladesh
- Script Writing and Production For Educational Television
- 21st Bangladesh Science Conference
- Development of Entomological Education and Research in Bangladesh.
- HRD Progress Review Meeting
- Distance Learning and ICT in Education
- IPM for Vegetable Crops Issues and Technology Developments in Bangladesh
- Teaching Quality Improvement in Secondary Education
- Production of Quality Mixed Courseware for ODL & Community Radio Awareness
- 9<sup>th</sup> Youth Development Diploma Progress Review Meeting
- Impact of Climate Change on Agriculture and Disaster Management in Bangladesh
- Food Security & Food Safety: Towards a One World, One Health Approach
- Creative Methodology of Teaching & Learning
- Open Educational Resources (OER) Policy
- E- Learning Platform for Bangladesh
- Food Security in Bangladesh
- E-Learning - Use of Moodle

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#### **Received Training Courses (Home and Abroad)**

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- Extension Field Trip
- Fundamentals in the Design and Writing of Open Learning Materials
- The Overview Training in Distance Education - UK
- Youth Development Training - Mumbai & Maldives
- GIS Hardware and Maintenance Course
- The Orientation Training Course on GIS (PC Arc/Info, Arc View & Erdas Imagine)
- Fourth Gender and Development Course
- Tutor Training
- ICT and e-Learning System

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#### **Professional Societies**

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- Bangladesh Agriculturist Association (BAI) - Life Member
- Bangladesh Entomological Society (BES) - Life Member
- Bangladesh Association for Scientists and Scientific Profession (BASSP)-Life Member
- Bangladesh Phytopathological Society (BPS) - Member
- Bangladesh Society for Horticultural Science (BSHS) - Member
- Bangladesh Association for the Advancement of Science (BAAS) - Member
- Commonwealth Youth Network Bangladesh – Member

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## Administrative Experiences

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- Worked as a Dean at the School of Agriculture and Rural Development of Bangladesh Open University from 03 October 2007 to 03 October 2010.
- Worked as a Member of Board of Governors (Syndicate) of Bangladesh Open University from 06 October 2007 to 21 January 2010.
- Working as a Member of Academic Council of Bangladesh Open University from 03 October 2007 to date.
- Worked as a Member of Works Committee of Bangladesh Open University from 21 April 2008 to 19 May 2010.
- Worked as a Member of Planning and Development Committee of Bangladesh Open University from 22 July 2008 to 03 October 2010.
- Worked as a Member of Library Committee of Bangladesh Open University from 03 October 2007 to 03 October 2010.
- Worked as a Editor of Journal of Agriculture and Rural Development published from the School of Agriculture and Rural Development of Bangladesh Open University from 03 October 2007 to 03 October 2010.
- Worked as a Member of Tender Evaluation Committee Kha of Bangladesh Open University from 03 October 2007 to 21 January 2010.
- Worked as a Member of Construction & Maintenance Committee of Bangladesh Open University from January 2009 to October 2010.
- Worked as a Member of Higher Education, Training & Research Related Permanent Committee of Bangladesh Open University from 03 October 2007 to 03 October 2010.
- Worked as a Specialist Member of Board of Studies, Department of Entomology, Bangladesh Agricultural University, Mymensingh from 07 October 2013 to 06 October 2015.
- Worked as a Program Co-ordinator of Bachelor of Agricultural Education (BAgEd) program (3 years duration) at the School of Agriculture and Rural Development of Bangladesh Open University from February 1999 to June 2003.
- Worked as a Media Co-ordinator of Bachelor of Agricultural Education (BAgEd) Program at the School of Agriculture and Rural Development of Bangladesh Open University from October 2000 to March 2003.
- Worked as a Mentor of Diploma in Youth Development Work (DYDW) funded by Commonwealth Youth Program (CYP) at the School of Agriculture and Rural Development of Bangladesh Open University from April 2003 to March 2004 and also from 03 October 2007 to 03 October 2010.

**(Professor Dr. Md. Abu Taleb)**