### Editorial

Academic and Research activities of the teachers and students of the Department of Agronomy, Sher-e-Bangla Agricultural University, Dhaka during January-December, 2007 has been summarized in the newsletter.

The Department offers different courses both undergraduate and graduate levels. Already 26 students have obtained their M.S. degree from this department. Besides, at present 50 students are studying for M.S. degree.

Professor Prasanta Chitta Bhowmik Department of Soil, Crops and Insect, University of Massachusetts Amherst, USA has visited the Department as a Fulbright Scholar and conducted the Applied Weed Science Course for M.S. student.

Dr. H. M. M. Tariq Hossain, Associate Professor has come back from Korea after completion of his PhD degree.

Department of Agronomy has successfully completed the 5th batch of Postgraduate Certificate Course on Seed Technology funded by SID/DANIDA-MoA.

We believe that our academic activities would enhance in the coming days.

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Degree Programme

MS Programme:
An academic year is divided into two semesters viz., January-June and July-December. A student has to complete the degree within five semesters. He/she must earn a minimum of 47 credit hours, at least 30 credit hours for courses, 1 credit hour for seminar and 16 credit hours for the research followed by thesis presentation.

Bachelor Programme:
There are two semesters (Semester-I and Semester-II) in an academic year. Semester-I starts in January and Semester-II in July of each academic year. The B.Sc. Ag. (Hons.) degree is a four year programme consisting of 8 academic semesters. A student has to complete 182 credit hours for the degree of which 23 credit hours from Agronomy.

Orientation Programme
Orientation Programme of M.S., 2007 were organized by the Department for the new students of January-June and July-December Semester. The programme were chaired by the Chairman of the Department Dr. Parimal Kanti Biswas. Teachers were addressed their speech regarding the facilities and motive of the Department. Students also expressed their feelings. The students were received with cordial welcome.

M. S. Activities
The department initiated M.S. courses in Agronomy from January 2004. So far 26 students awarded the M.S. degree. Further 13 students have been submitted their theses for evaluation. Thesis defense of those students will be held soon.

Seminar/Workshop
Professor Dr. Prasanta C. Bhowmik delivered two seminars – one on “Present status and prospect of allelopathy in agriculture” held on April 19, 2007. The other one was on the “Potential benefits of transgenic crops” held on May 23, 2007. Dr. H.M.M Tariq Hossain, Associate Professor delivered a seminar on “Metabolic Engineering for Biosynthesis of Tocotrienol in Perilla frutescens (L.) Britton” held on November 15, 2007.

Prof. Dr. A. M. Farooque, Vice-Chancellor, Sher-e-Bangla Agricultural University was the Chief Guest in these seminar. Director (Research) of the Sher-e-Bangla Agricultural University Research System (SAURES) was presided over the seminars.

Farewell/Cultural Activities
A warm farewell ceremony was arranged on the honour of Prof. Prasanta C. Bhowmik on June 17, 2007 at the Conference Room of SAU. All the teachers, staff and M.S. students of the department contributed the programme. Honourable Vice-Chancellor of the university was present as a Chief Guest. Special Guests were Prof. Md. Shadat Ulla, Chairman, Department of Agricultural Extension and Information System; Prof. Md. Shamsul Hoque, Co-ordinator, CASR; Prof. Dr. Md. Hazrat Ali, Dean, Faculty of Agriculture and Prof. Dr. Shahidur Rashid Bhuiyan, Director (Research), SAURES. Chairman of the
Department Prof. Dr. Parimal Kanti Biswas presided over the programme.

An entertaining cultural programme was held by the participation of Departmental students. Different items like recitation, songs and fun shows were performed by the teachers and students.

**Workshop Attended**

Md. Obaidul Islam, Assistant Professor attended the Training on “Hybrid Rice Seed Production” organized by Bangladesh Rice Research Institute (BRRI) on 2-3 may, 2007.

Prof. Dr. Md. Hazrat Ali, Prof. Dr. Md. Fazlul Karim, Prof. Dr. Parimal Kanti Biswas and Prof. Dr. Md. Jafar Ullah attended the Workshop on “Strengthening of Pulse & Oilseed Research Programmes in Bangladesh” organized by Bangladesh Agricultural Research Institute on 24-25 July, 2007.

Md. Obaidul Islam, Assistant Professor and Mr. Mirza Hasanuzzaman attended the Training Workshop on Integrated Water Resources Management (IWRM) with special focus on Scientific Methodology and Development of Grant Application, organized by Bangladesh Centre for Advanced Studies (BCAS), Dhaka, Bangladesh on 28-29 October, 2007.

Prof. Dr. Parimal Kanti Biswas and Mr. Mirza Hasanuzzaman, attended the Workshop on Informed Policy Making For Food Security: Research in support of the National Food Policy organized by FAO and The Food Planning and Monitoring Committee (FPMC), GoB held in Dhaka on 5-6 December, 2007

**Visits**

Prof. Dr. Md. Hazrat Ali attended the Educatve Seminar and 1st Vice President Forum of the University Mobility in Asia and the Pacific (UMAP) held in Thailand during 4-6 October, 2007. He was acted as a Panel Speaker of the occasion and presented a paper on “UMAP Staff Mobility Programme”

**Higher Study**

One of our colleagues Dr. H.M.M. Tariq Hossain has received Ph.D. on Metabolic Engineering from Soonchunhyang University of the Republic of Korea. His research title was Metabolic Engineering for Biosynthesis of Tocotrienol in *Perilla frutescens* (L.) Britton.

Md. Shahidul Islam is at the end of his Ph.D work. He is doing his study at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh. His research is on “Water stress tolerance of mungbean genotypes as influenced by plant growth regulators”.

Mr. Tuhin Suvra Roy is doing Ph.D in Yamagata University, Japan funded by JSPS (RONPAKU) Programme. His research title is “Studies in the production and utilization of hybrid True Potato Seed in Bangladesh”

Md. Abdullahil Baque is doing his Ph.D at Research Center for the Development of Advanced HortTech (Lab of excellence), in Chungbuk National University, Republic of Korea. He is working on “Biomass and Bioactive Compound Production from Adventitious Root and Callus cell suspension culture of *Morinda citrifolia* in Bioreactor” under Brain Korea (BK 21) project.
Research Projects

1. Reduction of chemical fertilizer in maize using Nutrismart – an ecofriendly fertilizer. Funded by: Bangladesh University Grants Commission (UGC)

   **Principal Investigator:** Prof. Dr. Parimal Kanti Biswas

   **Duration:** 1 year (November 2007 to October, 2008)

   **Status:** On going

2. Cultivation of rice using different planting techniques. Funded by: SAURES

   **Principal Investigator:** Prof. Dr. Parimal Kanti Biswas

   **Duration:** 2 years (June 2005 to May, 2007)

   **Status:** Completed

Publications (2006-2007)


H.M.M. Tariq Hossain; K.H. Kim and Y.S. Lee 2006. High frequency in vitro regeneration from hypocotyls explants of leafy Perilla...
Vigna radiata), Vigna unguiculata. In Table 1 (he’s production, Triticum aestivum. Solanum tuberosum Vigna, Anowara Akter, Vigna unguiculata


Hasanuzzaman, M., K. Nahar and M. R. Karim. 2007. Effectiveness of different weed control methods on the performance of

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Roshni Rashid. 2006. Effect of nitrogen levels and number of weeding on the yield attributes and quality of rapeseed.

Mohammad Kamrul Hasan. 2006. Effect of nitrogen and phosphorus on the yield, yield characters and seed quality of rapeseed (Brassica campestris) line SAU-C-F7.


Kakali Roy. 2006. Growth and yield of wheat (Triticum aestivum L.) as influenced by nitrogen and seed rate.


Kaniz Fatima. 2006. Effect of different levels of nitrogen and phosphorus on yield and yield attributes of sesame.

M.S. Theses

Mirza Hasanuzzaman. 2005. Performance of rapeseed (Brassica campestris) line SAU-C-F7 to different row spacing and irrigation level.


Md. Rokonuzzaman. 2005 Influence of nitrogen and naphthalene acetic acid on the yield of summer mungbean (vigna radiata (l.) Wilczek) cv. BARI Mung-3


Md. Ferdausul Alom. 2005. Yield and quality of jute seed (O-72) as affected by different dates and methods of sowing in the late season.

Shamima Akther. 2005. Physiological and biochemical studies on the quality of kenaf (Hibiscus cannabinus L.) seed as affected by storage period, type of container and genotype.


Mohammad Khaled Mostafa. 2006. Effect of inoculums and levels of phosphorous on the growth and yield of summer mungbean.


Md. Enamul Islam. 2006. Intercropping fodder grasspea with wheat at different fertilizer doses and seed rates.


Muhammad Mahbubur Rashid. 2007. Effect of nitrogen doses on spikelet sterility and yield of boro rice.


Mahfila Zafreen. 2007. Effect of fertilizer on the growth and yield of soybean (Glycine max) varieties.


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- Jayanta Bhattacharya
- C.M. Rezaul Karim
- Md. Nazim Uddin

Second Semester
- Mohammad Amaj Uddin
- Bulbul Ahmed
- Mohammad Khaled Hossain
- Md. Jakir Hossan
- Fariza Nur
- Md. Abdul Alim
- Mohammed Mamunur Rashid
- Md. Monzur Morshed
- Mosharof Hossain
- Romany Jahan
- Md. Zakaria Reza
- Shamim Ara Bagum
- Yasmin
- Jamil Hossain
- Shubha Ankur Bhattucharje
- Md. Imam Husain
- Mosaref Hossain
- Md. Mohibur Rahman
- Masud Reza
- Md. Mahmudur Rahman
- Monira Begum

Research Semester
- Md. Anowar Hossain
- Razia Sultana Ratna
- Md. Rashedul Haque

Sheikh Mohammad Masum
Lima Rifat
Md. Abu Royhan
Md. Halim Ahmed
Abu Nadir Shahab Uddin Ahmed Siddiqui
Shamima Sultana
Md. Rokibul Hasan
Kaniz Fatima
Md. Masud Rana
Mousumi Sultana
Sumit Ghosh
Md. Mahabub Alam
Md. Asif Iqbal
Promita Shikha Roy
Syeda Safina-E-Sanjida
Rifat Tanjila
Mohammad Shofayel Hossain
Md. Bazlur Rahman
Shah Mohammad Jalal Uddin
Md. Shajedul Islam
Kanak Kumar Biswas
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