Department of Agronomy, Institute of Agricultural Science

CORRIGENDUM

1. **4 (four) vacancies** exist in the Department for admission to Ph.D. considering the strength and availability of faculty members. Reservation will be followed as per the WB(Part-I)/2014/SAR.

2. The **Research Eligibility Test (RET)** for Ph.D. programme in Agronomy will be held on, 8th June, 2017 at 2 p.m.

3. The last date for submission of application form – 7th June, 2017.

4. The **RET** will be of 50 marks. The question pattern will be of objective type or short answer type. The Duration of the entrance test will be one hour.

5. An interview will be held on 9th June, **2017 at 2 p.m.** for RET qualified (Qualification benchmark – 50% of the total marks) as well as NET/GATE qualified candidates. Successful candidates will be eligible to register for their Ph.D. in Department of Agronomy.

6. **Eligibility:** Candidates with at least 50% Marks obtained in M.Sc. (Ag.) in Agronomy or allied disciplines subject to endorsement by the concerned Ph.D. Committee from any UGC/ICAR recognized University are eligible to appear in the Examination. Those who have qualified in NET/GATE would be exempted from the RET examination. They may directly submit a statement of purpose or research in brief and appear in the interview.

Rambilash Mallick

HEAD

Department of Agronomy
Section 1: Basic Principles

Section 2: Crop Ecology

Section 3: Weed Management

Section 4: Water Management

Section 5: Nutrient Management

Section 6: Dryland Agriculture

Section 7: Crop Production in Problem Areas

Section 8: Crop Production
Crop production techniques for cereals, legumes, oilseeds, fibre crops, sugarcane, tobacco and potato crops including distribution, season, adaptability, climate, soil and water requirements, and component technology, quality characteristics, uses and seed production techniques.

Section 9: Agricultural Statistics
Frequency distribution, mean, media and mode, Correlation and response function. Tests of significance-t, f and chi; - square tests. Designs of experiments—basic principles, completely randomised, randomised block design, latin square split, strip, factorial and simple confounding designs.

Section 10: Sustainable Land Use Systems
Concept of sustainability. Alternate land use systems. Types, extent and causes of wastelands. Concept and types of agro-forestry systems. Bioenergetics of crop production systems.

Rambilash Mallick
HEAD, Department of Agronomy