

Sher-e-Bangla Agricultural University

Department of Agronomy

M. S. in Agronomy

Semester: January-June 2023

Course Title: Agronomic Research

Course Code: AGRO 516

Course Teachers: 1. Prof. Dr. H.H.M. Tariq Hossain

2. Prof. Mirza Hasanuzzaman

LECTURE SCHEDULE (Tentative)

Lecture No.	Date	Topic	Course Teacher
1.		Types of experiments	H.M.M.T. Hossain
2.		NARS	M. Hasanuzzaman
3.		Experimental designs appropriate for agronomic experimentation with their merits & demerits	H.M.M.T. Hossain
4.		National Agricultural Research Organizations	M. Hasanuzzaman
5.		Experimental designs appropriate for agronomic experimentation with their merits & demerits (CRD)	H.M.M.T. Hossain
6.		International Agricultural Research Organizations	M. Hasanuzzaman
7.		Experimental designs appropriate for agronomic experimentation with their merits & demerits (RCBD)	H.M.M.T. Hossain
8.		International Agricultural Research Organizations	M. Hasanuzzaman
9.		1st Quiz and 1st Class Test	
10.		Purpose of conducting research and their types	M. Hasanuzzaman
11.		Experimental designs appropriate for agronomic experimentation with their merits & demerits (RCBD)	H.M.M.T. Hossain
12.		Research Planning	M. Hasanuzzaman
13.		Experimental designs appropriate for agronomic experimentation with their merits & demerits (LSD)	H.M.M.T. Hossain
14.		Research Planning and Methodologies	M. Hasanuzzaman
15.		Experimental designs appropriate for agronomic experimentation with their merits & demerits (Split-Plot)	H.M.M.T. Hossain
16.		Regression and Correlation analysis	M. Hasanuzzaman
17.		Experimental designs appropriate for agronomic experimentation with their merits & demerits (Others)	H.M.M.T. Hossain
18.		Structure and procedure of writing a thesis for SAU	M. Hasanuzzaman

Lecture No.	Date	Topic	Course Teacher
19.		Comparison of treatment means	H.M.M.T. Hossain
20.		2nd Quiz and Class Test	
21.		Data collection procedures of different crops and parameters	M. Hasanuzzaman
22.		Prioritization of agronomic problems and their possible solutions through agronomic research	H.M.M.T. Hossain
23.		Data collection procedures of different crops and parameters	M. Hasanuzzaman
24.		Data interpretation	H.M.M.T. Hossain
25.		Structure and procedure of scientific paper	M. Hasanuzzaman
26.		Slide preparation through power point	H.M.M.T. Hossain
27.		Points considered for effective and enjoyable presentation 3rd Quiz	M. Hasanuzzaman
28.		Data analysis by statistical software (IRRISTAT)	H.M.M.T. Hossain
29.		Data analysis by statistical software (Statistix)	M. Hasanuzzaman
30.		Data analysis by statistical software (IRRISTAT)	H.M.M.T. Hossain
31.		Data analysis by statistical software (Statistix)	M. Hasanuzzaman
32.		Data analysis by statistical software (Statistix)	M. Hasanuzzaman