Sher-e-Bangla Agricultural University
Department of Agronomy

M. S. in Agronomy
Semester: January-June 2024
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.		Purpose of conducting research and their types	M. Hasanuzzaman
3.		Experimental designs appropriate for agronomic experimentation with their merits & demerits	H.M.M.T. Hossain
4.		Research Planning	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.		Research Planning and Methodologies	M. Hasanuzzaman
11.		Experimental designs appropriate for agronomic experimentation with their merits & demerits (RCBD)	H.M.M.T. Hossain
12.		NARS	M. Hasanuzzaman
13.		Experimental designs appropriate for agronomic experimentation with their merits & demerits (LSD)	H.M.M.T. Hossain
14.		National Agricultural Research Organizations	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.		Data collection procedures of different crops and parameters	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.		Structure and procedure of writing a thesis for SAU	M. Hasanuzzaman
24.		Data interpretation	H.M.M.T. Hossain
25.		Structure and procedure of writing a scientific paper	M. Hasanuzzaman
26.		Slide preparation through PowerPoint	H.M.M.T. Hossain
27.		Points considered for effective and enjoyable presentation **3rd Quiz**	M. Hasanuzzaman
28.		Data analysis by statistical software (MS Excel)	H.M.M.T. Hossain
29.		Data analysis by statistical software (Statistix)	M. Hasanuzzaman
30.		Data analysis by statistical software (MS Excel)	H.M.M.T. Hossain
31.		Data analysis by statistical software (Statistix)	M. Hasanuzzaman
32.		Data analysis by statistical software (Statistix)	M. Hasanuzzaman