

GUJARAT BIOTECHNOLOGY UNIVERSITY
ACADEMIC DEPARTMENT

GBU/ADM/243/2022-23/230

Date: 22/05/2024

NOTIFICATION OF ACADEMIC CALENDAR
M.Sc. BIOECHOLOGY SEMESTER-II (2023-2025)

- Second Semester Start Date: 22nd January 2024
- Morning Practical session Timings: 10:00 AM-1:00 PM
- Post-Lunch Teaching Timings: 2:00-6:00 PM
- Revision Week: 20-24th May 2024
- Examination Week: 27th – 31st May 2024
- There are 8 days of Public Holiday during this semester.
- Sports week will occur during the week commencing 5th February.
- Subject specific courses will run Monday to Thursday, and shared courses will run on Fridays and 1st/3rd Saturdays.

Credit structure for ABT-Semester II			
Sr. No.	Course	Code	Credit
01	Fundamentals of Animal Biotechnology	AFAB002	6
02	Cellular Biotechnology in Agriculture	ACBA002	3
03	Animal Health and Disease Management	AHDM002	4
04	Breeding and Genetic improvement	ABGI002	4
05	Reproductive Biotechnologies, Transgenic and Genetic Engineering	ARTG002	4
06	Product Discovery and Development	SPDV002	3
07	Analytical Techniques	SACA002	2
08	Simulation and Modelling	SSAM002	2
09	Entrepreneurship and Innovation II	SEAI002	2
Total Credits			30

Credit structure for EBT-Semester II			
Sr. No.	Course	Code	Credit
01	Ecology and Biodiversity	ECOB002	2
02	Environmental Chemistry	ECHE002	2
03	Environmental Monitoring, Risk, and Assessment	EMRA002	2
04	Water Bio- Technologies	EWBT002	3
05	Ecological Engineering	EENG002	5
06	Waste Management and Reuse	EWMR002	3
07	Ecotoxicology and Human Health	ETOX002	2
08	Urban Environments and Sustainability	EUES002	2
09	Analytical Techniques	SACA002	2
10	Simulation and Modelling	SSAM002	2
11	Entrepreneurship and Innovation II	SEAI002	2
12	Product Discovery and development	SPDV002	3
Total Credits			30

Credit structure for IBT-Semester II			
Sr. No.	Course	Code	Credit
01	Microbiology for Industry	IMBI002	4
02	Metabolic engineering: Integration of system and Synthetic biology	IMES002	3
03	Enzymology for Industrial Biotechnology	IENZ002	3
04	Industrial Produced Therapeutics	ITHE002	3

05	Fermentation Technology	IFET002	4
06	Bio manufacturing and Downstream Processing	IBMD002	2
07	Process Engineering	IPRE002	2
08	Analytical Techniques	SACA002	2
09	Simulation and Modelling	SSAM002	2
10	Entrepreneurship and Innovation II	SEAI002	2
11	Product Discovery and development	SPDV002	3
Total Credits			30

Credit structure for IBT-Semester II			
Sr. No.	Course	Code	Credit
01	Fundamentals in Medical Biotechnology	MFMB002	5
02	Cellular Engineering	MCET002	3
03	Disease Biology	MDIB002	4
04	Omics for Medical Sciences	MOMS002	3
05	In vitro diagnostic	MMDB002	3
06	Medical Therapeutics	MTHE002	3
07	Product Discovery and Development	SPDV002	3
08	Analytical Techniques	SACA002	2
09	Simulation and Modelling	SSAM002	2
10	Entrepreneurship and Innovation II	SEAI002	2
Total Credits			30

Credit structure for PBT-Semester II			
Sr. No.	Course	Code	Credit
01	Plant Growth and Productivity	PPGP002	2
02	Plant Molecular Biotechnology	PPMB002	6
03	Enhancing Plant Performance	PEPP002	4
04	Plant Genetics and Breeding	PPGB002	3
05	Sustainable Food Security	PSFS002	3
06	Plant Cell and Tissue Biotechnology	PPCT002	3
07	Product Discovery and Development	SPDV002	3
08	Analytical Techniques	SACA002	2
09	Simulation and Modelling	SSAM002	2
10	Entrepreneurship and Innovation II	SEAI002	2
Total Credits			30

This notification is issued after obtaining approval of competent authority on e-sarkar file no. GBU/Adm/e-file/265/2024/0354/Admin Dt. 20/05/2024.

Deputy Registrar

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1. PA to DG, GBU for information
2. PA to Registrar, GBU for information
3. PA to Director, GBU for information
4. All HoDs and Officers of GBU for information and necessary actions, if any.
5. All Faculty of GBU for information and necessary actions
6. All Students of GBU for information and necessary actions
7. Concerned Departments and Committees of GBU for information and necessary actions.
8. IT Department to put it on GBU Website and ERP