

**Dr. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,
CHHATRAPATI SAMBHAJINAGAR.**



CIRCULAR NO.SU/ Sci./ Basket/NEP-2020/ College/96/2024

It is hereby inform to all concerned that, recommended by the Dean, Faculty of Science & Technology, the Academic Council at its meeting held on 08 April 2024 has accepted **Basket-1 Optional – M1, M2, M3 and Basket – 2 Generic/Elective (For the Students of Other Faculty)** as per direction by the State Government dated on 13 March 2024 under the Faculty of Science & Technology **as per National Education Policy-2020** run at the Affiliated Colleges, Dr. Babasaheb Ambedkar Marathwada University as appended herewith.

This is effective from the Academic Year 2024-25 and onwards.

All concerned are requested to note the contents of this circular and bring the notice to the students, teachers and staff for their information and necessary action.

University Campus,
Chhatrapati Sambhajnagar
-431 004.

REF.NO. SU/SCI./2024/26506-14

Date:- 20.05.2024.

★
★
★
★
★
★
★
★
★


**Deputy Registrar,
Academic Section.**

Copy forwarded with compliments to :-

- 1] **The Principal of all concerned Colleges,**
Dr. Babasaheb Ambedkar Marathwada University,
- 2] **The Director, University Network & Information Centre, UNIC, with a request to upload this Circular on University Website.**

Copy to :-

- 1] The Director, Board of Examinations & Evaluation, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajnagar.
- 2] The Section Officer, [B.Sc. Unit] Examination Branch, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajnagar.
- 3] The Programmer [Computer Unit-1] Examinations, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajnagar.
- 4] The Programmer [Computer Unit-2] Examinations, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajnagar.
- 5] The In-charge, [E-Suvidha Kendra], Rajarshi Shahu Maharaj Pariksha Bhavan, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajnagar.
- 6] The Public Relation Officer, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajnagar.
- 7] The Record Keeper, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajnagar.

**DR. BABASAHEB AMBEDKAR
MARATHWADA UNIVERSITY,
CHHATRAPATI SAMBHAJINAGAR**



B.Sc. Degree Programme

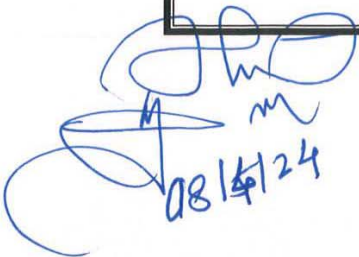
(Three Year/Four Years(Hons)/Four Years (Hons with Research)

Basket -1 Optional- Major 1, Major 2 Major-3

As per NEP -2020

Under the Faculty of Science & Technology

From the Academic Year 2024-25 & Onwards/-


08/11/24





Basket 1: List of Major subjects in Science (DSC) : Faculty of Science and Technology

Students willing to pursue their bachelors in the **Faculty of Science and Technology** shall choose any three subjects (from the following options) as Major 1, Major 2 and Major 3 (Based on the available options and resources in the respective college).

Please note that during 1st and 2nd Semester students shall choose any three subjects (from given 07 groups by choosing not more than one subject from any group) as Major 1, Major 2 and Major 3 (Based on the available options and resources in the respective college).

Group No.	Subjects
Group-1	Chemistry
Group-2	Biochemistry Physics
Group-3	Botany Mathematics
Group-4	Zoology Statistics
Group-5	Computer Science Biotechnology
Group-6	Microbiology Electronics
Group-7	Agrochemical & Fertilizer Analytical Chemistry Environmental Science Fishery Science Geology Horticulture Industrial Chemistry Polymer Chemistry Automobile Technology Bioinformatics Data Science Forensic Science Forensic Science & Cyber Securities Home Science Information Technology Networking And Multimedia Non-Conventional And Conventional Energy Refrigeration And Air Conditioning Workshop Technology Computer Application Dairy Science & Technology Instrumentation Practice



**DR. BABASAHEB AMBEDKAR
MARATHWADA UNIVERSITY,
CHATRAPATI SAMBHAJINAGAR**



B.Sc. Degree Programme

(Three Year/Four Years(Hons)/Four Years (Hons with Research)

Basket -2.

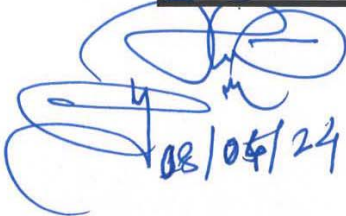
Generic/Elective

(For the Students of other Faculty)

As per NEP -2020

Under the Faculty of Science & Technology

From the Academic Year 2024-25 & Onwards/-


08/04/24





The students from Faculty of Science and Technology will be selecting GE/OE from the Basket 2 of either of other three faculty (i.e i) Faculty of Humanities, ii) Faculty of Commerce and Management iii) Faculty of Interdisciplinary Studies)

Basket 2: List of GE/OE Courses: for the students from other Faculty

Students from other three faculty i.e. i) Faculty of Humanities, ii) Faculty of Commerce and Management iii) Faculty of Interdisciplinary Studies may select any one GE/OE course from the following list in respective semester.

Basket 2 (for 1st Semester)

Semester	Sr No	BOS / Ad hoc Board proposing the course	Title of the Course
1 st Semester	1	BOS in Botany	Seed Preservation Techniques
	2	BOS in Chemistry	Herbal Chemistry –I
			Food Safety, Adulterations and Detection
			Plastic Waste Management
	3	BOS in Mathematics	Business Mathematics-I
	4	BOS in Physics	Everyday Physics
			Differential Equation
			Artificial Intelligence
	5	BOS in Zoology	Vector disease and Management
	6	BOS in Electronics	Electrical Equipment Maintenance-I
	7	BOS in Fishery Science	Endocrinology and Physiology of Fishes
	8	BOS in Microbiology	Microbial Biotechnology
	9	Ad Hoc Board in Statistics	Introduction to Statistics
	10	Ad hoc Board in Industrial Chemistry	General Safety Aspects
	11	Ad hoc Board in Dairy Science & Technology	Goat Farming
	12	Ad hoc Board in Biotechnology and Bioinformatics	Introduction to Biotechnology
			Overview of Bioinformatics
	13	Ad hoc Board in Biochemistry	Biochemistry of Health and Disease
	14	Ad hoc Board in Home Science	Principles Of Food Processing

	15	Ad Hoc Board in Agrochemical Fertilizers, Horticulture, Dry land Agriculture	Introduction to Fertilizers
			Indoor Plants and Interior Scalping
	16	Ad hoc Board in Forensic Science	Criminalistics
			Introduction to Forensic Science
	17	Ad Hoc Board in Computer Science	Cyber Security
			Power Point Presentation and AI
			Fundamentals of Information Technology
	18	Ad Hoc Board in Networking and Multimedia	Introduction to Google Workspace-Part1
	19	Ad Hoc Board in Environmental Science	Ecology and Ecosystem Management
	20	Ad hoc Board in Automobile Technology / Workshop Technology / Refrigerator and Air Conditioning	Introduction of Automobile
	21	Ad hoc Board in Geology	Basic Earth Interior & Exterior

Basket 2 (for 2nd Semester)

Semester	Sr No	BOS / Ad hoc Board proposing the course	Title of the Course
2 nd Semester	1	BOS in Botany	Pomology
	2	BOS in Chemistry	Herbal Chemistry -II
			Dairy Chemistry
			Basic concepts, applications, and Socioenvironmental impact of polymers
	3	BOS in Mathematics	Matrices
	4	BOS in Physics	Physics in Sports
			Differential Calculus
			Semiconductor Devices
	5	BOS in Zoology	Dairy Production Technology
	6	BOS in Electronics	Electrical Equipment Maintenance-II
	7	BOS in Fishery Science	Aquatic pollution
	8	BOS in Microbiology	Food Fermentation
	9	Ad Hoc Board in Statistics	Demography and Vital Statistics

	10	Ad hoc Board in Industrial Chemistry	Industrial Safety Aspects
	11	Ad hoc Board in Dairy Science & Technology	Poultry Farming
	12	Ad hoc Board in Biotechnology and Bioinformatics	Agricultural Biotechnology
			Introduction to Bioinformatics Software
	13	Ad hoc Board in Biochemistry	Nutrition Science
	14	Ad hoc Board in Home Science	Home Based Catering
	15	Ad Hoc Board in Agrochemical Fertilizers, Horticulture, Dry land Agriculture	Pest and Pesticides
			Landscaping and Garden Designing
	16	Ad hoc Board in Forensic Science	Forensic Handwriting Identification
	17	Ad Hoc Board in Computer Science	E-Commerce and E-Contracts
			Technical Writing using Word and AI
			Cyber Security
			E-Commerce
	18	Ad Hoc Board in Networking and Multimedia	Google workspace – part –II
	19	Ad Hoc Board in Environmental Science	Microbial Aspect of Environment
	20	Ad hoc Board in Automobile Technology / Workshop Technology / Refrigerator and Air Conditioning	Two wheeler servicing
	21	Ad hoc Board in Geology	Geological land form