

Dr. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,  
CHHATRAPATI SAMBHAJINAGAR.



**CIRCULAR NO.SU/Cert.Course/Sub-Campus/NEP/13/2024**

It is hereby inform to all concerned that, the syllabi prepared by the Departmental Committee, **Academic Council at its meeting held on 08 April 2024 has accepted** the following curriculum under the Faculty of Science & Technology **run at Dr.Babasaheb Ambedkar Marathwada University, Sub-Campus, Dharashiv** as appended herewith.

Sr.No.	Syllabi of Deptt of BAMU, Sub Campus, Dharashiv.	Department
1.	Certificate Course in Understanding Medical Reports	Biotechnology
2.	Advanced Certificate Course in Medical Report Interpretation	Biotechnology
3.	Certificate Course in PCR & RTPCR	Microbiology

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 Sambhajinagar.- \*

431 004. \*  
REF.No.SU/NEP/2024/1504-12 \* \* \* \* \*

Date:- 18.06.2024.

  
**Deputy Registrar,**  
**Academic Section**

**Copy forwarded with compliments to :-**

- 1] **Head of the Department, Department of Biotechnology, Microbiology**, Dr.Babasaheb Ambedkar Marathwada University, Sub-Campus, Dharashiv.
- 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 Sambhajinagar.
  - 2] The Section Officer,[M.Sc.Unit] Examination Branch, Dr.Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar.
  - 3] The Programmer [Computer Unit-1] Examinations, Dr.Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar.
  - 4] The Programmer [Computer Unit-2] Examinations, Dr.Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar.
  - 5] The In-charge,[E-Suvidha Kendra], Examinations, Dr.Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar.
  - 6] The Public Relation Officer, Dr.Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar.
  - 7] The Record Keeper, Dr.Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar.

**Curriculum for  
Certificate course in  
Understanding medical reports**

**Blood test results explained**

Blood test abbreviations

Blood test results components

Complete blood count (CBC):

**white blood cells (WBCs), red blood cells (RBCs) and platelets.**

Complete blood count (CBC)

**Comprehensive metabolic panel (CMP)**

Alanine aminotransferase (ALT) test

Albumin test

Total protein test

Alkaline phosphatase test

Aspartate aminotransferase test

Bilirubin test

Blood urea nitrogen (BUN) test

Calcium test

Chloride test

Creatinine test

Fasting blood sugar test

Phosphorus test

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Potassium test

Sodium test

**Lipid panel (lipid profile)**

Total cholesterol test

Triglycerides test

HDL cholesterol test

LDL cholesterol test

Total cholesterol to HDL ratio test