

**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 Sambhajanagar.-
431 004.

REF.NO.SU/NEP/2024/1804-12 * * * * *
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 Sambhajanagar.
 - 2] The Section Officer,[M.Sc.Unit] Examination Branch, Dr.Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajanagar.
 - 3] The Programmer [Computer Unit-1] Examinations, Dr.Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajanagar.
 - 4] The Programmer [Computer Unit-2] Examinations, Dr.Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajanagar.
 - 5] The In-charge,[E-Suvidha Kendra], Examinations, Dr.Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajanagar.
 - 6] The Public Relation Officer, Dr.Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajanagar.
 - 7] The Record Keeper, Dr.Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajanagar.

Curriculum for
Advanced certificate course in
Medical report interpretation

Cancer diagnostic tests

CT scan, Biopsy, IHC

Alpha-fetoprotein (AFP) for liver cancer

Beta 2-microglobulin (B2M) and lactate dehydrogenase (LDH) for blood cancers.

Calcitonin for thyroid cancer.

Cancer antigen 125 (CA 125) for ovarian cancer.

Cancer antigens 15-3 and 27-29 for breast cancer.

Carcinoembryonic antigen (CEA) for colorectal cancer, lung cancer, stomach cancer, pancreatic cancer and others.

Human chorionic gonadotropin (HCG) for testicular cancer and ovarian cancer.

Prostate-specific antigen (PSA) for prostate cancer.

Heart disease diagnostic tests

- Electrocardiogram (ECG or EKG). ...
 - Holter monitoring. ...
 - Echocardiogram. ...
 - Exercise tests or stress tests. ...
 - Cardiac catheterization. ...
 - Heart (cardiac) CT scan. ...
 - Heart (cardiac) magnetic resonance imaging (MRI) scan.
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Diagnostic tests for infectious diseases

- Malaria,
- Dengue,
- Typhoid and Paratyphoid,
- COVID-19,
- AIDS and venereal diseases